

# NRD-525 GENERAL COVERAGE RECEIVER SERVICE MANUAL

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### Introduction

This manual describes information necessary for maintenance of the NRD-525 Receiver. We hope the manual will be helpful to you in maintenance and repair.

For the details of operation of the NRD-525, please refer to the instruction manuals for NRD-525 and optional units. The following units are available as options for the NRD-525 Receiver:

- # VHF/UHF converter CMK-165
- # RTTY demodulator CMH-530
- # RS-232C interface unit CMH-532

First, this manual describes standard information about the NRD-525 not equipped with optional units. Then, it proceeds to description of information about optional units.

### 1. OPERATION

#### 1-1 Units

The NRD-525 is roughly classified into the five blocks: chassis, receiver, synthesizer, control, and panel. The chassis block consists of the rear panel, power supply circuit and motherboard which mutually connects plum-in units.

The receiver block consists of the following three units:

- HF Tuning Unit (CFL-205)
   This unit consists of the electronic double tuning circuit, RF amplifier circuit and 1st mixer circuit.
- This unit consists of 1st IF filter circuit, 2nd mixer circuit and noise blanker circuit.

2) IF filter unit (CFL-36)

3) IF AP amplifier unit (CAE-182) This unit consists of the notch filter circuit, IF amplifier circuit, AF amplifier circuit, demodulator circuit, AGC amplifier circuit and squelch circuit.

The synthesizer block consists of the following two units:

1) Loop 1 unit (CAG-131) This unit generates 1st local signal by synthesizer. 1st local signal covers 70.543MHz through 104.453MHz in 1kHz steps. (See Table 1-1)

#### 2) Loop 2 unit (CGA-132)

This unit generates 2nd local signal and BFO signal.

2nd local signal covers 69.99899MHz through

69.99800MHz in 10Hz steps. BFO signal is de-

termined by the mode. (See Table 1-1 and 1-2).

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The control block consists of the following two units:

1) CPU unit (CDC-353)

This unit includes the microcomputer and its peripheral circuit and control voltage generator circuit. The microcomputer controls the receiver, synthesizer and panel blocks. Voltage generated by the control voltage circuit is used to control the double tuning circuit.

2) Data I/O unit (CMH-632)

This unit includes the reference signal generator circuit (12.8MHz), counter circuit of synthesizer and peripheral circuit for the microcomputer.

The panel block consists of the following two units:

1) Display unit (CDE-418)

This unit includes the controls and switches used to operate NRD-525, large Vacuum fluorescent display and microcomputer. The vacuum fluorescent display indicate the frequency, mode, band, etc.

> 2) Jack unit (CQB-40) who have all the deal This unit has the PHONE jack and RECORD jack.

1-2 Details of Blocks

1-2-1 Chassis Block

The following connectors, terminals and jacks are located on the rear panel of NRD-525:

#### a. MF/HF ANT Lo-Z connector

An antenna with low impedance (inverted-L type, doublet, or Yagi antenna) can be connected to this connector. For connection to the antenna, a coaxial cable (500 or 750) should be used.

#### b. MF/HF ANT Hi-Z terminal

An antenna with high impedance (5 or 6m long copper wire) can be connected to this terminal.

#### c. ANT switch

This switch is used to select an MF/HF antenna with low or high impedance.

### d. GND terminal

A grounding wire is connected to it. Be sure to ground NRD-525 to prevent personal injury due to electric shock and trouble due to interference by other devices.

### e. LINE OUT jack

This is a jack for received audio output. The output impedance and output level are respectively set at 6000 and 0dBm.

### f. EXT SP jack

This jack is used to connect an external speaker.

When an external speaker is connected, the built-in
speaker is automatically turned off.

### g. SIDE TONE jack

When signal from another device is entered into this jack, it can be monitored with the speaker for NRD-525.

## h. MUTE jack

This jack is used to control on/off of AF output.

When the line connected to this jack is grounded,
the AF output is muted (OFF).

### i. DC OUT jack

This jack is used for 10.8V DC output. Maximum 30mA can be output.

### j. TIMER OUT terminal

The signal from the relay contacts used to control an external device with the aid of the timer is output from this jack. The contact capacity is 24V DC, 3A maximum. You should not connect the AC power to this terminal.

### k. PRINTER connector

If an output is to be fed to the printer when the optional RTTY demodulator CMH-530 is used for reception of RTTY, the printer must be connected to this connector.

### I. MARK/SPACE jack

Output for mark and space signal indicator in case
the optional RTTY demodulator is used for reception
of RTTY. It can be connected the X and Y axes
inputs of an oscilloscope or CKJ-61 attached to the
demodulator unit.

### m. RS-232C connector

This connector is used when NRD-525 is controlled by another device through the optional RS-232C interface unit (CMH-532). This connector is attached to the CMH-532, not provided as a standard accessory.

It is covered with a cap.

- n. DC power connector This connector is used to supply DC power (standard 13.8V) to NRD-525.
  - This connector is used to supply AC power to NRD-525.

    p. AC voltage selector with fuse

This voltage selector has a fuse for AC power source
(1A). The source voltage is selected from 100, 120,
220 and 240V AC by this selector.

q. VHF/UHF ANT connector

o. AC power connector

This antenna connector (500) is used to receive VHF band and UHF band with the aid of the optional VHF/UHF converter (CMM-165). This connector is attached to the CMM-165, not provided as a standard accessory. It is covered with a cap.

o Power Supply Unit
DC10.8V, 9V and 5V are regulated from the AC power
(100, 120, 220, or 240V) or 13.8V DC.
10.8V is supplied to the receiver and synthesizer
blocks. 10.8V is turned on and off by the microcomputer
when the power switch is put to the TIMER position.
With the aid of the regulator IC for the power source,
9V is supplied to the AF amplifier for the speaker and

to the drive voltage generator circuit for the vaccum fluorescent display on the panel. There are two 5V systems. Regulator ICs for power source is used for these two 5V systems. One is mainly supplied as power source for IC in the control block. The other one is used for backup to RAM IC and clock IC in the CPU unit. The 5V backup input to the regulator IC is taken from the line in front of the power switch. So RAM and CLOCK ICs are always powered even when the power switch is turned off as long as the AC or DC power is connected.

### 1-2-2 Receiver Block

Let us see the flow of signals in this block.

The 90kHz-33.9999Hz signal entered through the antenna
is sent to the CFL-205 HF TUNE unit. Further, the
signal is sent to the radio frequency input tuning
circuit through the arrester diode used for protection
of input circuit. The attenuator switch is on at this
time, a 20dB attenuator is inserted in the signal
route before the received signal is sent to the tuning
circuit. The tuning circuit consists of the low-pass
filter for 400kHz or less and five double tuning
circuits using the variable capacitor diodes, and
covers all receiving frequency range. Each tuning
circuit covers the following frequency ranges:

RF Band No.	Frequency range (MHz
Band 1	0.09 - 0.399 (LPF)
Band 2	0.40 - 0.799
Band 2 sub	0.80 - 1.599
Band 3	1.60 - 2.649
Band 3 sub	2.65 - 4.399
Band 4	4.40 - 7.399
Band 4 sub	7.40 - 12.299
Band 5	13.30 - 20.499
Band 6	20.50 - 33.999

Selection of these tuning circuits, and supply of bias voltage to the variable capacitor diodes are controlled by the microcomputer according to the receiving frequency.

The tuning circuit can be bypassed to receive very
weak signal which may be affected by the loss in the
tuning circuit. In this case, the 1.6MHz high pass
filter is used (PASS).

The received signal passing through the tuning circuit is amplified by the wide band radio frequency amplifier through the 35MHz low-pass filter. 1st mixer circuit mixes the amplified signal with 70.543-104.453MHz lat local signal sent by the synthesizer block, and converts it into the lat IF signal of 70.45399-70.453MHz.

The lat IF signal which has passed through the crystal filter with the center frequency of 70.455MHz and pass

bandwidth of 12kHz is fed to the 2nd mixer after it is amplified by the 1st IF amplifier.

This signal is mixed with the 2nd local signal of 69.99899 - 69.998MHz and converted into the 2nd IF signal of 455kHz.

The 455kHz signal is sent to the ceramic filter with the center frequency of 455kHz and pass bandwidth of 12kHz and to the noise blanker circuit. The noise blanker circuit consists of the noise amplifier, AGC detector. AGC amplifier and noise blanker gate control. The gain of the AGC amplifier can be adjusted with the NB level control on the panel. Thus, the sensitivity of the noise blanker circuit can be adjusted. If the NB level is pulled to the [W] position, the time constant for the noise blanker circuit becomes greater, and wide noise such as woodpecker noise can be removed. If the noise blanker circuit detects pulse noise according to the setting of the NB level control, the noise blanker gate works according to the pulse width, and temporarily shuts off the signal passage. The signal which has passed the noise blanker gate is sent to the notch filter circuit through one of the intermediate frequency IF filters with the rated bandwidth of 6kHz (WIDE), 3kHz (INTER) and 12kHz (AUX) (or any other frequency if optional filter is employed). If the NOTCH control on the panel is put to the central position, the notch filter circuit attenuates 455kHz

signal by more than 30dB. If the NOTCH control is rotated, the 455kHz signal can be changed by about ±3kHz.

The signal which has passed through the notch filter is supplied to the AGC circuit and demodulator circuit after it is amplified by the IF amplifier. The AGC circuit amplifies the signal and sends it to the AGC detector circuit. The AGC detector circuit consists of the portion operating in the AM mode and that operating in any other mode. The detector output controls the gains of let and 2nd IF amplifiers according to the time constant determined by AGC (FAST, SIGM, OFF) on the panel. At the same time, the detector output is also sent to the panel for indication with the S meter.

The demodulator circuit is divided into the FM mode detector and the other modes detector. Detection in the FM mode is performed by the IC with a built-in limitter and detector.

In case of AM detection, the demodulating circuit takes out the carrier component from the receiving signal and operates as a synchronous detector.

In case of other than AM or FM detection, the BFO signal for demodulating is supplied from the synthesizer section and the demodulating circuit operates as a product detector.

The squelch circuit compares the output from the detector IC with the level set with the SQUELCH control on the panel in the FM mode and controls on/off of the squelch gate. In any other mode, the squelch circuit compares the AGC voltage with the setting and controls on/off of the squelch gate. Fart of the signal which has passed the squelch gate is supplied to the audio frequency power amplifier through the AF GAIN control on the panel and drives the built-in speaker, external speaker or headphone. The TONE control on the panel allows adjustment of the filter used to cut off the high tone. The other portion of the demodulator signal is sent to the line amplifier through the semi-fixed resistor and fed to the LINE OUT jack on the rear panel and RECORD jack on the front panel.

### 1-2-3 Synthesizer Block

Refer to Fig. 1-1 Block Diagram.

The synthesizer block of NRD-525 generates 70.543 104.453MHz lst local signal and 69.9989PMHz - 69.99800MHz
2nd local signal meeting the 90kHz - 33.9999MHz received
signal, and BFO signal for demodulation in the 455kHz
band, and supplies them to the receiver block. The
synthesizer block uses 100kHz, which is obtained by
dividing the 12.8MHz standard signal from the temperature
compensating crystal oscillator (TCXO) by 128, as the
reference signal. 1st local signal supplied to 1st

mixer circuit in the receiver block is generated in the range of 70.543MHz - 104.453MHz in minimum 1kHz steps according to the set receiving frequency by the phase lock loop (PLL) using 100kHz as reference frequency. The oscillation frequency from the voltage control oscillator (VCO) in the LOOP1 unit is controlled by the set value given to the pulse-swallow counter, consisting of the variable dividers N and A, and accumulator B. Like 1st local signal, 2nd local signal supplied to 2nd mixer circuit is generated in the range of 69.99899MHz - 69.99800MHz in 10Hz steps by the PLL. The oscillation frequency of the VCO in the LOOP2 unit is controlled by the set value given to the accumulator C. The BFO loop which generates the BFO signal sent to the demodulator consists of ICs including the VCO and double balance mixer, and ICs including variable divider and phase frequency detector. The oscillation frequency from VCO is divided by 100 and supplied to the demodulator circuit. The set values given to the pulse-swallow counters and accumulators in loop 1 and loop 2 are set by the microcomputer based on the receiving frequency. According to the receiving mode and setting of the BFO control, the computer determines the set value given to the variable divider in the BFO loop.

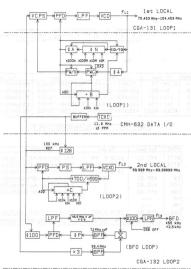
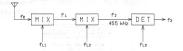


FIG. 1-1 SYNTHESIZER SECTION BLOCK DIAGRAM



BAND	fR (kHz)	fli (MHz)	fi (MHz)	fl2 (MHz)
Α .	0.09-34	70.543 - 104.453	70.45399 - 70.453	69.99899 - 69.991
В	34 - 60	104.453 - 130.453	70.45399 - 70.453	69.99899 - 69.99
С	114 - 141	184.453 - 211.453	70.45399 - 70.453	69.99899 - 69.99
D	141 - 174	211.453 - 244.453	70.45399 - 70.453	69.99899 - 69.99
E	422.5 - 456.4	439.953 - 526.853	70.45399 - 70.453	69.99899 - 69.99

### TABLE 1-1 NRD-525 FREQUENCY TABLE

MODE	fL3 (kHz)	f3 (Hz)	REMARKS
RTTY	457.21	2210 ± 85	PBS:Center.FS: ± 85 Hz
RTTY	457.10	2100 ± 200	PBS:Center.FS: ± 200 Hz
RTTY	456.87	1870 ± 425	PBS:Center.FS: ± 425 Hz
CW	455.00	0 - 2031	PBS:Center.BFO:Center
USB	456.50	0	PBS:Center.No-Modulation
LSB	453.50	0	PBS:Center.No-Modulation
AM		15.30_10	
FM		_	Lix +ix
FAX	456.90	1900 ± 400	PBS:Center.FS: ± 400 Hz

TABLE 1-2 FREQUENCY TABLE OF THE BEAT FREQUENCY OSCILATER

1-2-4 Control Block The control block generates signals necessary for control of the receiver block and synthesizer block according to operation from the panel, exchanges information with the panel, and controls the optional units (VHF/UHF converter, RTTY demodulator, RS-232C interface, etc.). The control block mainly consists of the microcomputer and its peripheral circuits. When the microcomputer receives frequency data from the panel (entry with numerical keys, tune control, up/down, etc.), it gives frequency data to the loop 1, loop 2, and BFO loop in the synthesizer block, based on the data on the receiving frequency and receiving mode, and controls the PLL. At the same time, the microcomputer generates the band change data (RF BAND) meeting the receiving frequency, and generates the tuning voltage with the aid of the D/A converter to control the tuning circuit in the receiver block. The microcomputer prepares data necessary for indication and sends it to the panel block. It receives data (RTTY demodulation sign, receiving signal for RS-232C, etc.) and performs control accordingly. The control block has IC for the clock. This IC is operated by the 32.768kHz clock signal and it provides the clock data necessary for the microcomputer. This IC works independently of the on-off of the power switch if AC or DC power is connected to NRD-525.

However, the clock IC is not backed up by a battery.

The memory IC is backed up by a battery so as to

protect the data on the preset channel and recovery

of previous conditions in case of power interruption.

### 1-2-5 Panel Block

The panel block consists of the key switches used to set various receiving data; vaccume fluorescent display and their drive circuit; controls associated with setting of the receiving frequency including tuning control, BFO control, and PBS control; microcomputer; and controls directly affecting the receiver block including RF gain control, AF gain control, tone control, squelch control, and notch filter control. The microcomputer in the panel block sends data to the microcomputer in the control block whenever switches and controls under its control are manipulated. The microcomputer in the control block prepares data and sends back data necessary for indication. The vacuum fluorescent display is dynamically lit and their cycle is synchronous with the clock signal (CLK) sent by the microcomputer in the control block. Dimmer is operated by changing the time of illumination in each clock signal. As the power source for vacuum fluorescent display, 9V is converted into about 35V by the DC/DC converter.

The BFO, PBS and AGC (S-A/D) signals are converted

into digital values by the A/D converter and processed by the microcomputer.

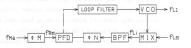
### 1-3 Operation of Optional Units

### 1-3-1 CMK-165 VHF/UHF Converter

The CMK-165 VHF/UHF converter consists of the two PCBs: the RF unit CHE-85 and LOCAL OSC unit CGA-118. The PF unit consists of the UHF and HHF sections. The 34MHz-60MHz and 114MHz-174MHz received signals are sent to the radio frequency input tuning circuit in the VHF section. This tuning circuit utilizes the variable capacitor diode similar to that used in the HF band, and covers five bands. Selection of the band and bias voltage given to the variable capacitor diode are controlled by the microcomputer according to the receiving frequency. The signal which has passed through the tuning circuit is amplified by the radio frequency amplifier. It is mixed with the local signal supplied by the LOCAL OSC unit (CGA-118), converted into 70.45399-70.45300MHz 1st IF signal, and sent to the IF filter unit (CFH-36).

In the UHF section, the 423MHz-456MHz received signal passes through the band pass filter and amplified by the radio frequency amplifier. It is mixed with the local signal supplied by the LOCAL OSC unit (CGA-118), converted into 1st IF signal, and sent to the IF filter unit.

The LOCAL OSC unit (CCA-118) generates the local signal given to the mixer circuit in the RF unit (CHE-85), using the 70.543MHz-104.453MHz lst local signal generated by the Loop; unit. The LOCAL OSC unit also generates desired local signal with the aid of the PLL. The VCO is so controlled that the division of the mixture of lst local signal and VHF/UHF local signal may be identical with the standard signal obtained by dividing 12.8MHz. (See Table 1-3.)



BAND	fна (нн <sub>2</sub> )	М	fRe(HHz)	N	fLI(HHz)	fls (MHz)
A	12.8	1900	CB <u>LOC</u> T	1000	bar T bitto	70.543 - 104.453
В	12.8	. 8	1.6	20	32	72.453 - 104.453
C	12.8	8	1.6	70	112	72.453 - 98.453
D	12.8	2	6.4	22	140.8	70.653 - 103.453
E	12.8	4	3.2	132	422.4	70.553 - 104.453

TABLE 1-3 FREQUENCY TABLE OF THE V/UHF LOCAL SYNTHESIZER

### 1-3-2 CMH-530 RTTY Demodulator Unit

The PTTY demodulator unit consists of the AGC circuit, mark filter circuit, space filter circuit, slide-back detector circuit, code demodulator circuit, mark/space indicator drive circuit, printer drive circuit and control circuit. The audio signal sent by the IF AF AMP circuit unit (CAE-182) is supplied to the mark filter and space filter circuits through the AGC circuit. The mark filter is an active band pass filter with the center frequency of 2295Hz and pass bandwidth of about 30Hz. The space filters are active band pass filters with the center frequencies of 2125Hz. 1895Hz, and 1145Hz. Their pass bandwidth is about 30Hz. One of the three space filters are selected according to the shift width. The filter output is sent to the slide-back detector circuit and the drive circuit which illuminates the mark/space LEDs on the attached indicator (CKJ-61). The slide-back detector circuit synthesizes and detects the mark signal and space signal. The detected signal passes through the code normal/reverse inversion gate. It undergoes serial/parallel conversion (IC2) and is supplied to the microcomputer. The 5-digit code (CCITT No.2 code) entered by the microcomputer is converted into 8-digit ASCII code, and it drives the printer through the parallel interface (IC3). As the clock signal for the baud rate, 800Hz and 727Hz are generated by dividing

12.8MHz by 10, and further dividing it by 1600 for 50 bauds, and by 1760 for 45.45 bauds. The parallel interface outputs data to the printer, selects the clock for baud rate, and selects the space filter with the suitable center frequency (selects the shift width).

### 1-3-3 CMH-532 RS-232C Interface Unit

The interface unit consists of the serial/parallel converter circuit, baud rate clock generator circuit, signal level converter circuit and ±12V DC/DC converter circuit.

The serial/parallel converter utilizes a special IC to convert the parallel data identified by the microcomputer in the control block and the serial data on the RS-232C transmission line. The baud rate clock generator circuit utilizes a 3.6864MHz crystal oscillator. It generates 19.2kHz for 1200 bauds and 14.8kHz for 300 bauds by dividing the frequency by 192 and 768, respectively. The signal level converter circuit converts the interface unit signal levels of ±5V and 0V, and the RS-232C standard signal levels of ±12V. For connection, photo-couplers are used. The ±12V DC/DC converter circuit generates the power necessary for generation of the RS-232C signal level, using 10.8V. ±12V and common are supplied to an external device through the RS-232C connector.

### 2. INSPECTION AND ADJUSTMENT

This chapter describes procedures of inspection and adjustment to be practiced when NRD-525 fails to operate normally due to some cause.

Inspection and adjustment of NRD-525 require advanced measuring techniques. If you are certain, necessary measuring instruments are unavailable or NRD-525 is operating normally, never touch the transformers, variable capacitors, and variable controls in each unit.

#### 2-1 Preparations

2-1-1 Measuring Instruments

Get the following measuring instruments and tools:

1 Extension board CMH-365: 1

2 PCB pulling tool MTD000776:

(3) Measuring instrument

Get a necessary measuring instrument described in the applicable item of inspection or adjustment.

#### 2-1-2 Removing cover

As shown in Fig. 2-1, remove the upper cover or lower cover by loosening four screws.

The speaker is mounted on the upper cover. Remove the upper cover slowly, taking care not to break the speaker cables. Remove the connector at the end of the cable from the internal unit if necessary.



- Each unit is located as shown in Fig. 2-3.
  - From the parts mounted side, insert the removal levers supplied with each option into the holes at both corners of the PCB.
- 2 Lower the removal lever carefully so as to lift up the PCB.
- When the PCB has been removed from the connector, lift it slowly to remove it.
- 2-1-4 Use of Extension Board CMH-365

  1 According to 2-1-3, take out the
  - unit to be inspected or adjusted.

    [2] Insert the extension board CMH365 in the place of the removed
    unit by pushing it along the
    rail.
  - (3) Insert the removed unit into the connector on top of the extension board.
- 2-1-5 Removing Front and Rear Panels
  Remove the front or rear panel
  as shown in Fig. 2-4.



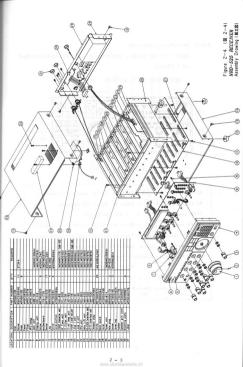
Fig.2-1 Removal of Cover



Fig. 2-2 Removal of Units

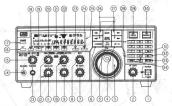


Fig. 2-3 Location of Units



### 2-1-6 Preliminary Setting

Switch on the power, and set the controls and switches as follows:



AF GAIN control (2): Turn it fully counterclockwise. RF GAIN control (7) : Turn it fully clockwise. TONE control (9) : Center position NOTCH control (10) : Turn it fully counterclockwise. SQUELCH control (1): Turn it fully counterclockwise. PBS (pass band shift) control: Center position NB LEVEL (noise blanker) control (15) : Turn it fully counterclockwise. RIT switch (16) : OFF

ATT (attenuator) switch (23): OFF LOCK switch (5)

### 2-2 Procedures of Inspection and Adjustment

### (1) CBD-674 Power Supply Unit

a. Checking of supply voltages

Between T1 BLU and BLK on chassis: 13~15V AC

Between C8D-674 P14~1 and chassis(GND): 4.8~5.2V DC

Between C8D-674 P14~5 and chassis(GND): 8.7~9.4V DC

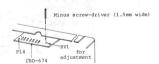
15-17V DC (when AC power is used)

13-13.8V DC (when 13.8V DC is used)
Between CBD-674 P14-6 and chassis(GND): 10.7~10.9V DC

Measure voltages with a DC or AC voltmeter. If voltage is found to be abnormal, remove the power cable immediately, and check the power supply unit and adjacent parts.

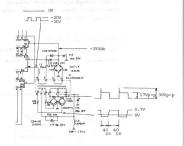
### b. Adjustment of 10.8V DC

If the voltage between Pl4-6 on CBD-674 and chassis is not within 10.7 and 10.9V DC, adjust RVl on CBD-674.



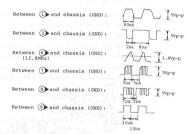
#### (2) CDE-418 Display Unit

- a. Checking of vaccum fluorescent display drive DC-DC
  - Observe the waveform and level at each test point with a oscilloscope.
- 2 Connect the grounding wire for the oscilloscope to the chassis (GND) of NRD-525.



### (3) CMH-632 Data I/O Unit

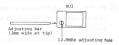
- a. Checking of 1st local section
  - 1) Use the extension board CMH-365.
  - (2) Set the receiving frequency at 10MHz. Select the CW mode, and put the PBS control to the center position.
  - (3) Using the oscilloscope, check the waveform and level at each point:



# b. Calibration of standard Signal 12.8MHz

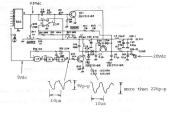
- 1) Use the extension board CMH-365.
- 2 Set the receiving frequency at 10MHz. Select the CW mode. Put the PBS control to the center position.

- 3 Connect the frequency counter between 2 on the CFL-205 HF TUNE unit and chassis (GND).
- (4) Adjust XU1 on CMH-632 so that the frequency counter indicates 80.453MHz ± 20Hz.



#### (4) CDC-353 CPU Unit

- a. Checking of D/A converter for RF TUNE unit
  - 1) Use the extension board CMH-365.
  - 2 Set the receiving frequency at 799kHz, and put the PBS control to the center position.
  - (3) Check the waveform and level at each part with oscilloscope. Connect the grounding wire of the oscilloscope to the chassis (GND) of NRD-525.



- (4) b. Adjustment of RF TUNE voltage -
- 1 Connect a DC voltmeter (with input of more than 1Mm) between 3 on CDC-353 and chassis (GND).
  - 2 Set the receiving frequency at 0.4MHz.
    - 3 Adjust RV1 on CDC-353 so that the voltage at 3 on CDC-353 is 5.74 ± 0.1V DC.
      - (4) Set the receiving frequency at 0.799MHz.
      - Shadjust RV2 on CDC-353 so that voltage at 3 on CDC-353 is 20 ± 0.1V DC.
      - 6 Repeat the steps ② through ⑤ above so that these voltages are satisfactory.
      - c. Calibration of 32.768kHz for clock
- (1) Connect the frequency counter between (1) on CDC-353 and chassis (GND).
  - 2 Adjust CVl on CDC-353 so that the frequency counter indicates 32.768kHz + 0.01Hz.
    - d. Checking of center position of PBS and BFO controls
      - Put the PBS control to the center position and see that [PBS] CD6 on CDC-353 is lit. Also, see that [PBS] CD6 goes out when the PBS control is put to other position.
      - ② See that BFO CD7 on CDC-353 is lit when the BFO control is put to the center position and that it goes out when the BFO control is put to other position.

- NOTE 1: When PRS CD6 on CDC-353 is lit, the shift width of PRS is neutral (0). When DRS CD7 is lit, the oscillation frequency of the BPO is the neutral value (455kHz) (In CW mode).
- 2: The neutral values of PBS and BFO are provided when the controls are within ±1/3 from the center position.

### (5) CGA-132 LOOP2 Unit

- a. Adjustment of 2nd local section
  - 1) Use the extension board CMH-365.
- Set the receiving frequency at 10.00005MHz and put the PBS control at the center position.
- (3) Connect a radio frequency voltmeter between (1) on CGA-132 and chassis (GND).
  - (4) Connect (5) on CGA-132 to the chassis (GND) with a copper wire.
  - (5) Adjust T3 on CGA-132 so that the radio frequency woltmeter indicates a minimum value.
  - 6 Remove the copper wire from 5 on CGA-132. At this time, the lock indicator LP2 CD2 goes out.
  - Adjust Tl and T2 on CGA-132 so that the radio frequency voltmeter indicates a maximum value.
  - (8) Measure the following voltages with the radio frequency voltmeter: Between (1) and chassis (GND): 0.15Vrms or more (Use

R3 for adjustment.)

Between (3) and chassis (GND): 0.5~0.8Vrms

NOTE: For adjustment of T1, T2 and T3, use a Bakelite
or Teflon (-) adjusting rod (1mm wide at tip).

If a metal rod is used, the core may be damaged.

### b. Checking of control voltage

Check the control voltage with a DC voltmeter (with input of 1MM or more).

Between 5 and chassis (GND): 2  $\sim$  6V DC

### c. Checking of counter

 Check the waveform and level at each part with a oscilloscope.

				1 -	1	T
Between	4 and	chassis	(GND)	· manage	30ns	5vp-p
Between	6 and	chassis	(GND)	il. X-		
Between		chassis			- 4	
Between				I-Ao	3.2µs 1.6µ	5vp-p
					2ms	

# d. Adjustment of BFO

- 1) Use the extension board CMH-365.
- Select the CW mode. Put the PBS and BFO controls to the center position.
  - 3 Connect the radio frequency voltmeter between On CGA-132 and chassis (GND).

- (4) Adjust T5 on CGA-132 so that the radio frequency voltmeter indicates a maximum value.
  - Between ( and chassis (GND): 0.1 ~ 0.3Vrms
    - (5) Connect the DC voltmeter (with input of 1MQ or more) between 12→ on CGA-132 and chassis (GND).
    - $\bigodot$  Adjust L5 on CGA-132 so that the DC voltmeter indicates 3  $\pm$  0.2V DC.
    - 7 Connect the radio frequency voltmeter between (D) on CGA-132 and chassis (GND).
    - (8) Adjust T6 on CGA-132 so that the radio frequency voltmeter indicates a maximum value.
      Between (12) and chassis (GND): 0.5 ~ 0.7Vrms
    - (9) Check the level between (3) on CGA-132 and chassis (GND) with the radio frequency voltmeter.
    - Between (3) and chassis (GND): 0.2Vrms or more

      (10) Connect the radio frequency voltmeter between (14)
    - on CGA-132 and chassis (GND).
      - voltmeter indicates a maximum value.

        Between (4) and chassis (GND): 0.3 ~ 0.6 Vrms
    - (2) See that the lock indicator BFO CD5 goes out. NOTE: For adjustment of L5, T5, and T6, use a Bakelite or Teflon (—) adjusting rod (1mm wide at tip).

If a metal rod is used, the core may be damaged.

- e. Checking of BFO frequency
  - $\bigcirc$  Use the extension board CMH-365.
  - 2) Put the PBS control to the center position.
- 3 Connect the frequency counter between (♣) on CGA-132 and chassis (GND).
  - (4) Select the mode in the following manner, and check the BFO frequency in each mode.

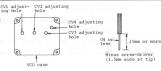
Mode	BFO frequency	Remarks
I Corr	455kHz ± 10Hz	Put BFO control to center position
CW	more than 457kHz	Turn BFO control fully clockwise.
	below 453kHz	Turn BFO control fully counterclockwise.
USB	456.5 kHz ± 10Hz	Also, check the Thirty
LSB	453.5 kHz ± 10Hz	tribut and hear of t-And
FAX	456.9 kHz ± 10Hz	. (P 3-A20)
Total to	457.21kHz ± 10Hz	CMH-530 is not mounted, or the shift width of ±85Hz is selected with CMH-530 mounted.
RTTY	457.1 kHz ± 10Hz	CMH-530 is mounted and shift width of ±200Hz is selected.
	456.87kHz ± 10Hz	CMH-530 is mounted and shift width of ±425Hz is selected.

### (6) CGA-131 LOOP 1 Unit

- a. Adjustment of 8V
  - 1 Connect the DC voltmeter between 4 on CGA-131 and chassis (GND).
  - 2 Adjust RV2 on CGA-131 so that the voltage between (4) and chassis (GND) is 8 + 0.1V DC.

- b. Adjustment of VCO at 1st local section
  - (1) Use the extension board CMH-365.
  - (2) Select the AM mode and put the PBS control to the center position.
    - 3 Connect the radio frequency voltmeter between (2) on CGA-131 and chassis (GND) and between (3) on CGA-131 and chassis (GND).
  - (4) Connect the DC voltmeter (with input of lMm or more) between (9) on CGA-131 and chassis (GND).
  - (3) Adjust the following trimmer so that the voltage between (3) on CGA-131 and chassis (GND) is set within 7 ± 0.1V DC at the following receiving frequency. Also, check the output voltage at (2) and (3) on CGA-131, and lock indicator (DNLOCK) CD16 on CGA-131.

Receiving frequency	Trimmer for adjustment	Voltage at	Voltage at	On/Off of UNLOCK CD16
7.28699MHz	CV1	0.2\0.4Vrms	0.08\0.2Vrms	Off
15.33299MHz	CV2			"
24.20699MHz	CV3			
33.999 MHz	CV4		10000	NO 28"



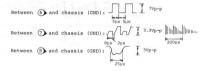
## c. Adjustment of fluctuation

- Set the receiving frequency at 10MHz, and put the PBS control to the center position.
- 2 Connect the oscilloscope between 8 on CCA-131 and chassis (GND).
- While observing the waveform, adjust RVI on CGA-131 so that fluctuation is minimized.



# d. Checking of phase comparator

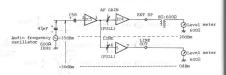
 Check the following waveforms and levels with the oscilloscope:



## (7) CAE-182 IF AF AMP Unit ( ) The description of t

### a. Checking of AF AMP

- 1) Use the extension board CMH-365.
- Turn the RF GAIN control fully counterclockwise, and turn the AF GAIN control fully clockwise. Put the TONE control to the center position, and turn the LINE VR (chassis block RV3) fully clockwise.
- 3 Connect the audio frequency oscillator, audio frequency transformer (8:600m), and level meter in the following manner.
- 4 Check the output level of the audio frequency oscillator so that the EXT SP output is 20dBm and that the LINE output is 0dBm.



# b. Adjustment of IF AMP

- 1) Use the extension board CMH-365.
- 2 Turn the RF GAIN control fully clockwise, put the AGC and NOTCH control to the OFF position.
- 3 Connect the signal generator (50 Ω) and radio frequency voltmeter as shown below:



- Adjust T2, T3 and T4 on CAE-182 so that the radio frequency voltmeter indicates a maximum value.
- (5) At this time the output voltage at (1) on CAE-182 should be 0.1~0.2Vrms.

### c. Adjustment of IF AMP for FM

4 1dBull

- Use the extension board CMH-365.
- 2 Turn the RF GAIN control fully clockwise. Put the AGC and NOTCH controls to the OFF position. Select the FM mode.
- (3) Connect the internal or external loud speaker.
  - 4 Connect the signal generator between P28-22 on CAE-182 and chassis (GND).

- Set the signal generator as follows: Frequency: 455kHz, Output level: 4ldByV, FM modulation: 1000Hz 30%
- 6 Adjust T1 on CAE-182 so that the speaker output indicates maximum.
- d. Checking of Detector Circuit
  - 1) Use the extension board CMH-365.
  - Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control to the FAST position, and put the NOTCH control to the OFF position. Put the PBS control to the center position.
  - 3 Connect the signal generator (500) to MF/HF ANT on the rear panel of NRD-525.
- 4 Set the signal generator (500) as follows:
  Frequency: 7,104MHz, Output level: 40dBuV, CW
  - (5) Connect the radio frequency voltmeter between (2) on CAE-182 and chassis (GND).
  - 6 Check the output level at 2 on CAE-182 when the DSB or USB mode is selected.

MODE: DSB - 0.2 ~ 0.3 Vrms MODE: USB - 0.04 ~ 0.06 Vrms

- e. Checking of All Mode Squelch
  - 1) Use the extension board CMH-365.
    - Disconnect the antenna terminal cable.

- 3 Select the USB mode. Put the AGC control to the FAST position, and turn the SQUELCH control fully counterclockwise.
- Adjust the SQUELCH control to see the position where squelch is turned on and off.



Resistor for adjustment : R9

squelch is turned on and off.

- f. Adjustment of FM Squelch was as became as 1-3A3 as
  - (1) Use the extension board CMH-365.
  - 2 Disconnect the antenna terminal.
  - Select the FM mode. Turn the SQUELCH control fully counterclockwise. Also, turn the RF GAIN control fully counterclockwise.
  - 4 Gradually turn the SQUELCH control clockwise, and adjust [FM SQ] RVI on CAE-182 so that the squelch is turned on when the point A is reached.

(SQL indicator is lit and AF output is turned off.)



# g. Adjustment of AGC

- ① Set the receiving frequency at 7.104MHz. Turn the RF GAIN control fully clockwise. Put the AGC control to the FAST position. Put the NOTCH control to the OFF position. Put the PBS control at the center position. Select the DBS mode.
- 2 Connect the signal generator (500) to MF/HF ANT on the rear of NRD-525.
- 3 Set the signal generator as follows: Frequency: 7,104MHz, Output level: 100dBµV, CW
- Onnect the radio frequency voltmeter between (1) on CAE-182 and chassis (GND).
- (5) Adjust AGC RV5 on CAE-182 so that the radio frequency voltmeter indicates 0.085 ± 0.005Vrms.
- 6 Select the USB mode, and check the output voltage at () on CAE-182.
- Between 1 and chassis (GND): 0.08 \ 0.09Vrms

  (For adjustment, use resistor R93 on CAE-182.)
- (7) Change the output level of the signal generator in the range of 10 ∿ 100dBµV.
  At this time check the change of the output voltage
  - level at ①◆on CAE-182.

    Change of level at ①◆: 0.07 ∿ 0.1Vrms

### h. Adjustment of S Meter

Set the receiving frequency at 7.104MHz. Turn the
 RF GAIN control fully clockwise. Put the AGC control to the FAST position. Put the NOTCH control

- to the OFF position. Put the PBS control to the center position. Select the DSB mode.
  - 2 Connect the signal generator (500) to MF/HF ANT on the rear of NRD-525.
  - 3 Set the signal generator as follows: Frequency: 7.104MHz, Output level: 40dBuV, CW
- 4 Adjust  $\boxed{S}$  RV6 on CAE-182 so that the S-meter indicates S9  $\pm$  1 divisions.
- i. Adjustment of on-off of notch filter
  - 1) Use the extension board CMH-365.
  - ② Slowly turn the NOTCH control clockwise, and adjust NOTCH NV4 on CAE-182 so that the notch filter is turned on when the point A is just reached. When the notch filter is turned on the LED for CDIS on CAE-182 is illuminated.

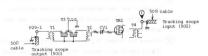


- j. Adjustment of Notch Filter
  - 1) Use the extension board CMH-365.
  - ② Set the receiving frequency at 455kHz. Select the DSB mode. Put the PBS control to the center position. Put the BANDWIDTH to the WIDE position. Set the RF GAIN control so that the output waveform is not saturated.

- 3 Connect the output (500, center frequency of 455kHz) of the tracking scope to MF/HF ANT on the rear panel of NBD-525.
- (4) Connect the input of the tracking scope between (1) on CAE-182 and chassis (GND).
- (5) Adjust the input and output attenuator for the tracking scope so that the waveform of ① on CAE-182 is not distorted.
- ⑤ Put the NOTCH control to the center position. While observing the waveform on the tracking scope, adjust RV2 on CAE-182 so that the dip point is set at 455kHz.
  - While observing the waveform on the tracking scope, turn the NOTCH control clockwise so that the dip point is set to 456kHz. Adjust DIPL RV3 on CAE-182 so that the dip point indicates maximum at this time.
  - (8) While observing the waveform on the tracking scope, turn the NOTCH control counterclockwise so that the dip is set at 454kHz. Adjust DIFH RV7 on CAE-182 so that the dip indicates maximum at this time.
  - (9) Repeat the steps (6), (7) and (8) so that attenuation at 454kHz and 456kHz dip point is more than 30dB.

### (8) CFH-36 IF Filter Unit

- a. Adjustment of 1st IF filter (70.455MHz BPF)
  - 1) Use the extension board CMH-365.
  - Remove the CFL-205 RF unit. Turn the RF GAIN control fully counterclockwise.
    - (3) Connect the tracking scope in the following manner:



- 4) Adjust ATT for the tracking scope so that the output waveform at (1) on CFH-36 is not saturated.
- S Adjust CV1 and T4 on CFH-36 so that the 70.455MHz point indicates maximum.
  - ) Adjust Tl, T2 and T3 on CPH-36 so that the 6dB bandwidth is set ±7.5kHz or more.

    Using Tl and T2, make the band flat (less than 2dB).

    Using T3, adjust the bandwidth (70.455MHz ± 7.5kHz or more).
  - 7 Repeat the steps 5 and 6 until the required performance is obtained.
    70.455MHz



NOTE: Por adjustment of T1, T2 and T3, use Bakelite or Teflon (-) adjusting rod (1mm wide at tip).

If a metal rod is used, the core may be damaged.

- b. Checking of 2nd IF Filter (455kHz)
  - (1) Use the extension board CMH-365.
  - 2 Put the AGC control to the OFF position. Select the AM mode. Put the BANDWIDTH to the WIDE position. Turn the RF GAIN control fully clockwise. Put the NOTCH control to the OFF position.
- 4 Adjust the RF GAIN control and ATT for the tracking some so that the output waveform at ① on CAE-182 is not saturated.
  - (5) Adjust T7 on CFH-36 so that the in-band ripple of the filter is minimized.
- 6 Change the position of the BANDWIDTH, and check the performance of each filter.

BANDWIDTH	Option	6dB bandwidth	60dB bandwidth
AUX	niv) n=danonep	12kHz or more	олиоз (Е
WIDE .	Lak la-lovet n	4kHz or more	10kHz or less
INTER	(#.0%-) 21s	2kHz or more	6kHz or less
avidad rado	CFL-231 mounted	240Hz or more	560Hz or less
NARR	CFL-232 mounted	0.5 ~ 0.8kHz	1.6kHz or less
	CFL-233 mounted	1 ~ 1.5kHz	3kHz or less
	CFL-218A mounted	1.7 ~ 1.9kHz	4.2kHz or less

NOTE: When the optional filter is not mounted in the
NARR position, NARR cannot be selected with the
BANDWIDTH switch.

с.	injection	Level	OI	2nd	Mixer	

- ① Use the extension board CMH-365.
- 2 Connect the radio frequency voltmeter between 2 on CFH-36 and chassis (GND).
- 3 Adjust T8 on CFH-36 and T1 on CGA-132 so that the radio frequency voltmeter indicates a maximum value.

Injection level : 0.7Vrms or more
Resistor for adjustment : R3 on CGA-132.

### d. Adjustment of IF Transformer

- (1) Use the extension board CMH-365.
- 2 Put the AGC control to the OFF position. Select the AM level. Put the BANDMIDTH to the WIDE position. Turn the RF GAIN control fully clockwise. Put the NOTCH control to the OFF position.

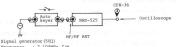
- 3 Connect the signal generator (with frequency of 70.453MHz and output level of 25dBpV, CW, 50n) P29-1 on CFH-36 and chassis (GND).
  - (4) Connect the radio frequency voltmeter between (1) on CAE-182 and chassis (GND).
- S Adjust T4, T5, and T6 on CFH-36 so that the radio frequency voltmeter indicates a maximum value.
- (6) At this time, the output voltage at (1) on CAE-182 and a should be 0.1  $\sim$  0.2 Vrms.

NOTE: For adjustment with T4, use a Bakelite or Teflon

adjusting rod (lmm wide at tip). If a metal rod is used, the core may be damaged.

# e. Adjustment of Noise Blanker

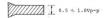
- 1) Use the extension board CMH-365.
- 2) Set the receiving frequency at 7.104MHz. Select the DSB mode. Put the AGC control to the FAST position. Put the BANDWIDTH switch to the WIDE position. Turn the NB LEVEZ control fully clockwise.
  - 3 Connect the signal generator, auto keyer and oscilloscope as follows:



Frequency : 7.104MHz, CW Output level: 10dBuV Auto keyer: Capable of turning on radio frequency signal frequency for 20ms and turning it off for 100ms



- Adjust T9, T10 and T11 on CFH-36 so that the level of the output waveform at 30 on CFH-36 indicates maximum. If the output at 30 is saturated and it is difficult to get the maximum value, turn the NB LEVEL control counterclockwise.
- (5) Change the level of the signal generator in the range of 10 ~ 100dBμV, check the output waveform at 3 on CFH-36.



- 6 Set the signal generator at the output level of 105dBuV and AM modulation (400Hz, 80%).
- 7 Connect the output from the signal generator to MF/HF ANT on NRD-525 without use of the auto keyer.
- 8 Connect the oscilloscope to 4 on CFH-36 and chassis (GND).
- (9) Turn NB (RV1) on CFH-36 fully clockwise, and turn the NB LEVEL control fully clockwise.

(D) While observing the waveform on the oscilloscope, turn NB (RV1) on CFH-36 counterclockwise until the fall pulse disappears. If no fall pulse appears from the beginning, leave NB (RV1) on CFH-36 turned fully clockwise.

Waveform of

(4) on CFH-36 Fall pulse

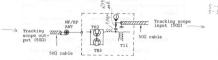
- (1) Connect the signal generator and auto keyer as described in the step (3) above.
- (2) Connect Channel No.1 of the oscilloscope (two-channel Type) between (3) on CFH-36 and chassis (GND). Connect Channel No.2 between (1) on CAE-182 and chassis (GND).
- (3) While observing the waveform at ① on CAE-182.
  Adjust RV2 on CFH-36 so that the level at A is set to minimum.



(14) Put the NB LEVEL control to the Pull [W] position, and see that the distance B for (1) on CAE-182 becomes larger.

#### (9) CFL-205 HF TUNE Unit

- a Adjustment of HF TUNE
  - 1) Use the extension board CMH-365.
  - 2) Put ATT to OFF and put PASS to OFF. MEMp u. 4 mobile deather
  - (3) Check RF TUNE voltage as described in (4)-b. Said 2-9 ola
    - (4) Connect the tracking scope as shown below:



(S) Change the receiving frequency as shown in the table below, and adjust transformers or trimmer capacitors so that deviation in <u>tuning is less</u> than 3dB in each receiving frequency.

BA	ND	Receiving frequency	Tuning frequency	Transformer, trimmer capacitor	Seite:
BAND2	SUB	0.8MHz 1.599MHz	0.8MHz 1.599MHz	T9, 10 Checking only	5,75 V 20,0V
	MAIN 2	0.799MHz 0.4MHz	0.799MHz 0.4MHz	CV5, 6 Checking only	29,0V 5,75 V
BAND3	SUB 3	2.65MHz 4.399MHz	2.65MHz 4.399MHz	T7, 8 Checking only	2000
	MAIN 4	2.649MHz 1.6MHz	2.649MHz 1.6MHz	CV3, 4 Checking only	20,0V

BANI	0	Receiving frequency	Tuning frequency	Transformer, trimmer capacitor
	SUB	7.4MHz 12.299MHz	7.4MHz 12.299MHz	T5, 6 Checking only
BAND4	MAIN	7.399MHz 4.4MHz	7.399MHz 4.4MHz	CV1, 2 Checking only
BAND5	7	20.499MHz 12.3MHz	20.499MHz 12.3MHz	T3, 4 Checking only
BAND6	8	33.999MHz 20.5MHz	33.999MHz 20.5MHz	T1, 2 Checking only

F-Tune his hier

NOTE: For adjustment with T1, T2, T3 and T4, use
a Bakelite or Teflon (adjusting rod
(1 mm wide at tip). If a metal rod is

used, the core may be damaged.

- b. Checking of Band 1 400kHz LPF
  - 1 Use the extension board CMH-365.
- 2 Put ATT to OFF, and put PASS to OFF.
  - 3 Connect the tracking scope as described in (9)-a.
  - 4 Check the characteristic of the 400kHz LPF.



- = 3dB or less
- = 30dB or me
- c. Checking of PASS (by-pass for input tuning circuit)
- (1) Use the extension board CMH-365
  - 2 Put ATT to OFF.

- While depressing the MEMO key, press the numerical key [4] to select PASS.
  - When PASS is selected, only 1600kHz HPF works, and the HF band input tuning circuit is by-passed.
    - 4 Check the characteristic of the 1600kHz HPF.

#### PEAEL



A = 10dB or less
B = 30dB or more

- d. Injection level of 1st mixer
  - 1) Use the extension board CMH-365.
  - 2 Connect the radio frequency voltmeter between 2 on CFL-205 and chassis (GND).
- 3 Change the receiving frequency as shown in the table below, and check the output level at (2) on CFL-205.

Receiving frequency	Output level at 2 on CFL-205
7.28MHz	0.5Vrms or more
15.33MHz	
24.2MHz	becoming with
33.99MHz	, m

Resistor for adjustment: R49

- e. Adjustment of 1st IF transformer
  - 1) Use the extension board CMH-365.

- 2) Put the AGC control to the OFF position. Select the AM mode. Put the BANDWIDTH switch to the WIDE position. Turn the RF GAIN control fully clockwise. Put the NOTCH control to OFF. Set the receiving frequency at 7.104MHz.
  - 3 Connect the signal generator (with the frequency of 7.104MHz and output level of 10dBµV, CW, 50Ω) to MF/HF ANT on the rear panel of NRD-525.
  - (4) Connect the radio frequency voltmeter between (1) on CAE-182 and chassis (GND).
  - (5) Adjust Tl2 on CFL-205 so that the radio frequency voltmeter indicates a maximum value.
  - 6 At this time, the output voltage at ① on CAE-182 should be 0.1 ~ 0.2Vrms.

# f. Adjustment of 1st mixer balance

- Set the receiving frequency at 100kHz and select the CW mode.
  - 2 Connect the internal or external speaker.
  - 3) Then, the internal spurious beat is appeared to output. Adjust BAL (RVI) on CFL-205 so that the beat output should be minimized.

- 2-3 Procedures of Inspection and Adjustment of Optional Units
  - (1) CGA-118 VHF/UHF LOCAL unit

If this unit is to be adjusted, insert the CHE-85 VHE/UHF RF unit into NRD-525. If both CGA-118 and CHE-85 units are not mounted on NRD-525, the receiving frequency cannot be set at a frequency higher than 34MHz.

- a. Adjustment of BPF
- Use the extension board CMH-365.
  - 2 Connect ① on CGA-118 to the chassis (GND) with a copper wire.
- (3) Connect the output (50Ω, -40dBm) from the tracking scope between (3) on CGA-118 and chassis (GND),
- and connect input (50R) to the tracking scope between

  (1) on CGA-118 and chassis (GND).

  Set the receiving frequency at 34MHz, and check the

-45dBm or moz 20dB 3MHz 90MHz or or

characteristic of BPF.

4 Change the receiving frequency as shown in the table below, and adjust each BPF.

Receivin frequency	Adjusting coils	at UA bus no	fo	fL	fu
114MHz	L22, 23, 24	-40dB or more	115MHz	80MHz or more	160MHz or less
141MHz	L19, 20, 21	-40dB or more	150MHz	100MHz or more	225MHz or less
424MHz	L16, 17, 18	-35dB or more	425MHz	325MHz or more	550MHz or less

When fo=425MHz, connect the input to the tracking scope between 9 on CGA-118 and chassis (GND).

NOTE: For adjustment with L16 through L24, use a Bakelite or Teflon 
adjusting rod (lmm wide at tip). If a metal rod is used, the core may be damaged.

- b. Checking of mixer input level
- 1) Use the extension board CMH-365.
- 2 Connect the radio frequency voltmeter between → on CCA-118 and chassis (GND).
  - (3) Change the receiving frequency as shown below, and check the output level at (7) on CGA-118.

Receiving frequency	Output level at ① on CGA-118
141MHz	0.15Vrms or more
173.99MHz	

- c. Adjustment of VCO
  - 1) Use the extension board CMH-365.
  - (2) Connect the DC voltmeter (input of 1MN or more) between (1) on CGA-118 and chassis (GND).

- (3) Connect the radio frequency voltmeter between (2) on CGA-118 and chassis (GND).
  - Adjust coils on VCO or trimmer capacitors so that the voltage at 10 on CCA-118 indicates 9V or 8V at each receiving frequency.

    Also, adjust the output level at 20 on CCA-118.

Receiving frequency	Adjusting coil, trimmer capacitor	Voltage at ① on CGA-118	Output level at ② on CGA-118
59.9999MHz	L1 especial es	9 ± 0.1Vdc	0.05Vrms or more
140.9999MHz	L4	S#MC100.0	-
173.9999MHz	L7	8 ± 0.1Vdc	Ly a matte
456.3999MHz	CV1		0.03Vrms or more

NOTE: For adjustment with L1, L4 and L7, use a Bakelite or Teflon 

adjusting rod (lmm wide at tip).

If a metal rod is used, the core may be damaged.

- (2) CHE-85 VHF/UHF RF unit Insert CGA-118 into NRD-525 beforehand.
- a. Adjustment of VHF TUNE
  - 1) Use the extension board CMH-365.
  - ② Connect the output (50Ω) from the tracking scope to VHF ANT on the rear of NRD-525. Connect the input (50Ω) to the tracking scope between ③ on CHE-85 and chassis (GND).
    - 3 Change the receiving frequency as shown below, and

adjust transformers or trimmer capacitors so that deviation of tuning at each frequency is less than 3dB.

BAND	Receiving frequency	Tuning frequency	Transformer, trimmer capaciton
BAND 1	34.0000MHz	34.0000MHz	т9, 10
Denie I	40.9999MHz	40.9999MHz	CV5, 10
BAND 2	41.0000MHz	41.0000MHz	т7, 8
	48.9999MHz	48.9999MHz	CV4, 9
BAND 3	49.0000MHz	49.0000MHz	т5, 6
	59.9999мнг	59.9999MHz	CV3, 8
BAND 4	114.0000MHz	114.0000MHz	тз, 4
LINE 4	140.9999мнг	140.9999MHz	CV2, 7
BAND 5	141.0000MHz	141.0000MHz	T1, 2
Dines 3	173.9999MHz	173.9999MHz	CV1, 6

NOTE 1: Do tracking at the highest and lowest frequencies in each band. If clear double hump response cannot be maintained at 173.9999MHz, make adjustment with the receiving frequency and tuning frequency set at 160MHz.

NOTE 2: For adjusting with Tl through Tl0, use a Bakelite or Teflon (adjusting rod (lmm wide at tip).

If a metal rod is used, the core may be damaged.

b. Adjustment of UHF TUNE

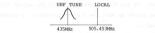
1) Use the extension board CHM-365.

(2) Connect the tracking scope as shown below:



Fix a one-turn coil (with a diameter of about 5mm) to the end of the  $50\Omega$  cable, and bring it near L4 on CHE-85.

- 3 Set the receiving frequency at 435MHz.
- 4 Adjust CV2 so that the local level (505.453MHz) on the tracking scope indicates a maximum value.



- (5) Adjust CVI so that the level on the 435MHz point indicates a maximum value.
- 6 Adjust FLlso that fo is set at 453 MHz and 6dB bandwidth is ±10MHz or more.
  - Repeat the steps (5) and (6) to get the required characteristic.



- c. Adjustment of 1st IF transformer and S meter
  - (1) Use the extension board CMH-365.
  - Set the signal generator (500) at the frequency of 144.1MHz and output level of 20dBµV, CW.
  - 3 Set the receiving frequency at 144.1MHz. Select the USB mode. Put the BANDWIDTH switch to the WIDE position.
  - (4) Connect the signal generator to VHF ANT on the rear panel of NRD-525.
- (5) Adjust T15 on CHE-85 so that the AF output level indicates a maximum value.
  - 6 Adjust RVZ on CHE-85 so that the S meter indicates s9. If the S meter does not reach S9, adjust RVZ on CHE-85 so that the S meter indicates a maximum value.
  - (7) Set the frequency of the signal generator at 435.1MHz, and connect it to UHF ANT on the rear of NRD-525.
  - (8) Set the receiving frequency at 435.1MHz.
    - (9) Adjust T11 on CHE-85 so that the AF output level indicates a maximum value.
  - (ii) Adjust RVI on CHE-85 so that the S meter indicates S9. If the S meter does not reach S9, adjust RVI on CHE-85 so that the S meter indicates a maximum value.
    - NOTE 1: For adjustment with T11 and T15, use a

      Bakelite or Teflon (-) adjusting rod (lmm

      wide at tip). If a metal rod is used,

the core may be damaged.

NOTE 2: In the steps (3) and (3), the output level of the signal generator should be set at -10dBuV.

## (3) CMH-530 RTTY Unit

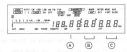
- a. Operating Procedures
  - Each time the numerical key "5" is pressed with the MEMO key depressed, the speed of 45.45 or 50 Bauds is alternately selected. At this time, the selected speed is indicated in the position (B) on the vacuum fluorescent display of the NRD-575.
  - (2) Selection of shift width Each time the numerical key "6" is pressed with the MEMO key depressed, the shift width of 170Hz (±95Hz), 400Hz (±20Hz) or 850Hz (±425Hz) is alternately selected. At this time, the selected shift width is indicated in the position (C) on the vacuum fluores-
- 3 Selection of polarity Each time the numerical key "7" is pressed with the MEMO key depressed, the normal or reverse polarity is selected alternately. At this time, the selected polarity is indicated in the position (A) on the vacuum fluorescent display of the NRD-525.

cent display of the NRD-525.

### 4 Fine tuning

In the RTTY mode, the BFO control works as the fine tuning control. Turning this control changes the center frequency of the space filter on the RTTY demodulator unit.

Ordinarily, set the control at the central position.



- A) Indication of polarity 0: Reverse
- 1: Normal
- B Indication of baud rate 45: 45.45 bauds
- © Indication of shift width

  17: 170Hz (± 85Hz)

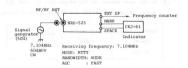
  40: 400Hz (± 200Hz)

  85: 850Hz (± 425Hz)

50: 50 bauds

# b. Adjustment of filter

① Connect the signal generator, frequency counter, and CKJ-61 indicator as shown below:



- 2 Use the extension board CMH-365.

  Turn RV2 and RV3 on CMH-530 fully clockwise.
- 3 Connect CH-1 of the oscilloscope (2-channel Type)

  between 4 on CMH-530 and chassis (GND). Connect

  CH-2 between 5 on CMH-530 and chassis (GND).
  - 4 Perform fine adjustment of the frequency of the signal generator or the receiving frequency so that the EXT SP output frequency is set at 2295Hz.
- (5) Adjust RV4 so that the output level at (1) on CMH-500 indicates a maximum value.At this time, the output level is saturated. Turn RV1 on CMH-530 clockwise until the output level ceases to be saturated. Then, the MARK LED is illuminated.
  - (6) Set the shift width at 170Hz (±85Hz).
  - ?) Perform fine adjustment of the frequency of the signal generator or the receiving frequency so that EXT SP output is set at 2125Hz.

- (8) Adjust RV5 on CMH-530 so that the output level at (5) on CMH-530 indicates maximum. The SPACE LED is illuminated.
- 9 In the same manner as the steps 6, 7 and 8 above, adjust the 1895Hz and 1445Hz space filters.

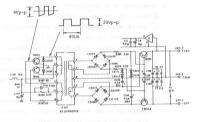
Space filter	Shift width	VR for adjustment
1895Hz	400Hz	RV6
1445Hz	850Hz	RV7

c. Adjustment of Mark and Space Filter Output levels

- 1) Set the shift width at 400Hz.
- 2 Perform fine adjustment of the frequency of the signal generator or the receiving frequency so that the EXT SP output frequency is set at 2295Hz or 1895Hz.
- Adjust RV2 or RV3 on CMM-530 so that the output levels at (\*) and (\*) on CMM-530 becomes equivalent. At this time, RV2 and RV3 on CMM-530 should be preferably turned fully clockwise.
  - 4) Adjust RV1 on CMH-530 so that the output levels at

### (4) CMH-532 RS-232C Unit

- a. Checking of DC-DC converter
  - 1 Check the waveform and level at each point with the oscilloscope.
- Connect the GND terminal on the oscilloscope to the chassis (GND).



#### 2-4 Measurement of AM Sensitivity

Connect the measuring instruments as shown below:



### a. Measurement of AM sensitivity

- Select the AM mode for NRD-525.
  - 2 Set the signal generator at AM modulation (400Hz, 30%) and set the output level at 10dBµV.
- 3 Set the frequency of the signal generator and receiving frequency at the measurement frequency.
  - (4) Turn on the modulation of the signal generator.
  - (5) Adjust the AF GAIN control so that the level meter indicates 10dBm.
  - 6 Turn off the modulation of the signal generator. Adjust the output level of the signal generator so that the level meter indicates 0dBm.
- (7) Repeat the steps (4) through (6) above.
- 8 The AF OUTPUT level meter indicates 10dBm when modulation of the signal generator is turned on and the level meter indicates OdBm when modulation is turned off. The AM sensitivity level is the output level of the signal generator.

## b. Measurement of SSB, CW sensitivity

- 1) Put the NRD-525 in the USB, LSB or CW mode.
- 2 Turn off modulation of the signal generator.
- 3 Set the receiving frequency at the measurement frequency. The frequency of the signal generator should be deviated from the measurement frequency.
- (4) Adjust the AF GAIN control so that the level meter indicates OdBm.
- (5) Set the frequency of the signal generator at the measurement frequency.
- (6) Perform fine adjustment of the TUNE control so that the level meter indicates a maximum value.
- (7) Adjust the output level of the signal generator so that the level meter indicates 10dBm. The output available at this time is the SSB, CW sensitivity.

# c. Measurement of FM sensitivity

frequency.

- 1) Put the NRD-525 in the FM mode.
- (2) Turn off modulation of the signal generator.
- $\widehat{\ \ \ }$  Set the receiving frequency at the measurement
  - The frequency of the signal generator should be deviated from the measurement frequency.
  - (5) Adjust the AF GAIN control so that the level meter indicates 10dBm.
- 6 Measure the frequency of the signal generator at the measurement frequency.

Adjust the output level of the signal generator so that the level meter indicates -10dBm. The output level available at this time FM

sensitivity.

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### 3. TROUBLE SHOOTING

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Besides the failure of the receiver itself, trouble of the receiver is also caused by erroneous operation, and by some cause ascribable to other devices. For trouble due to erroneous operation and other devices, refer to "8. Trouble Shooting" in Instruction Manual for NRD-525.

Here, the procedures of detecting the failure of the receiver itself are described. If the trouble is localized, replace the unit containing the affected part, or replace the affected part, referring to "4. Parts List".

# 3-2 Checking of Power Circuit -010 broad and an income

To detect the trouble of the receiver, the supply voltage must be checked first. Check DC 10.8V, 9V, and 5V on the power supply unit

(CBD-674)on the rear panel of NBD-525. If voltage is found to be abnormal, extract all the plug-in units. Also, remove all the connector pins excepting the connector P36 on the panel block. If the voltage remains to be abnormal, the trouble lies in the power supply unit. If 10.8V is likely to be adjusted, check operation after adjusting 10.8V. If 5V is abnormal, check the panel block because 5V is supplied to the panel block through P36 connector. If each voltage is normal when

the units are removed, mount the units one by one to find a defective unit. If spare unit is available, replace the defective unit with it, and see that the receiver works normally. Also, check abnormal het c.mos Ics. If a defective part has been found,

### 3-3 Too Low Sensitivity

If the sensitivity has become too low, replace the HF TUNE unit CFL-205 with a new one, if available. Then, replace the HF FILTER unit CFH-36, IF AF AMP unit CAE-182, and CFU unit CCC-353 in this order to find the defective unit. If the trouble cannot be eliminated even when the units are replaced, check the antenna and motherboard CFG-1726. If spare units are unavailable, you should find which unit is affected in the following manner:

See if sensitivity is low in all the bands or in a particular band. (For bands, see the description of operation of the receiver block.) If SG is available, measure the sensitivity in each band compare it with the rating. If SG is unavailable, receive broadcasting in each band, and estimate the cause of the trouble from the difference of sensitivity in receiving through the tuning circuit and in receiving through the tuning circuit and in receiving through they high pass filter (PASS).

- 3-3-1 Too Low Sensitivity in Particular Band

  If sensitivity is too low in a particular band, the
  cause of the trouble may be one of the following:

  a) Improper selection of band by tuning circuit

  A part may be defective. Check ICl, and CD5 through
  CD10 on the CFL-205 unit and IC5 on the CDC-353 unit.
  - b) Defective tuning circuit The cause may be a defective part or improper adjustment. Perform re-adjustment first. If adjustment is impossible, the trouble lies in a part. Check the tuning transformer, trimmer capacitor and SUB band

selector relay on the CFL-205 unit.

- c) Defective tuning voltage generator circuit The cause may be a defective part or improper adjustment. Perform re-adjustment first. If adjustment is impossible, the trouble lies in a part. Check the tuning voltage generator circuit in the CDC-353 unit.
- 3-3-2 Too Low Sensitivity in All Bands

  If sensitivity is too low in all the bands, find

  the affected circuit by checking the levels in the

  passage of the receiving signal. For this purpose,

  measure levels at each test point, referring to the

  attached level diagram. Find a point where the

  measured value greatly differs from the standard value

  specified in the level diagram. Standard values in

  the level diagram may somewhat differ from the measured

  values.

If the defective circuit has an adjuster or control, make adjustment according to the specified procedures of adjustment. If adjustment is impossible, the cause lies in a part. So, check parts constituting that circuit.

### 3-4 No Sound from Speaker

If the loud speaker will not give off any sound, find the affected circuit in the following manner: First, see that the line connected to the speaker is not disconnected and that the MUTE terminal on the rear of NRD-525 is used.

Check to see that the PLL loop in the synthesizer block is not locked out. Lock-out can be confirmed by checking LED (CD2) for LP2 and LED (CD5) for BFO on the CGA-132 unit. From the combination of illuminated LEDs, the defective circuit may be localized as shown below:

UNLOCK CD16	LP2 CD2	BFO CD5	Defective circuit
OFF	OFF	OFF	None (normal)
OFF	OFF	ON	BFO loop
OFF	ON	OFF	Loop 2
ON	OFF	OFF	Loop 1
ON	ON	ON	Standard signal or control block
re sula mon	arners.	1 - 1/653	a sular security

From the above table, the defective circuit can be found. Then, find improper adjustment or a defective part,

comparing measured values with standard values.

If the synthesizer block is operating normally, check
the squelch circuit. If the SQL segment on the vacuum
fluorescent display remains illuminated even when the
SQUELCH control on the panel is turned, the trouble
lies in the squelch circuit. As described earlier, the
squelch circuit utilizes different circuits in the FM
mode and in other modes. If the squelch circuit is
abnormal in all the modes, check IC2 and IC3 on the
CAE-182 unit and the SQUELCH control on the panel.
If the squelch circuit is abnormal only in the FM
mode, check the FM detector circuit in the CAE-182
unit with emphasis put on IC10. If abnormality is
found in other modes than the FM mode, check the AGC
circuit on the CAE-182 unit.

#### 3-5 Operation Impossible

If abnormality lies in the control system (control block and panel block), operation of NRD-525 may become impossible. NRD-525 has microcomputers in the control and panel blocks. If one of these microcomputers or IC around them fails, NRD-525 may become inoperable. To find a defective microcomputer or IC, they must be checked one by one by a person well versed with the fundamental performance of ISs and usage of them in each circuit. Here, apparent troubles and probable causes are described.

- a. No indication is given when the power is switched on. o Is power supply circuit for vacuum fluorescent display working normally? Check the choke coil (L2), transformer (T1) and transistors (TR2 and TR3) for damage.
- o Is not the heater for the vacuum fluorescent display damaged? Visually check the heater.
  - b. NRD-525 does not operate every when a switch is pressed (although indication is normal).
    - o A certain switch will not work, check that switch.

      If several switches have become defective at a

      time, check IC7 on the CDE-418 unit.
  - c. Receiving frequency indication does not change even if the tuning control is turned (although the key switch works normally).
    - o Check PGl and IC6 on the CDE-418 unit.
- d. PBS and BFO do not work normally.
  o If PBS and BFO do not work at all even when PBS and BFO controls are turned, check resistors and capacitors mounted between the PBS control (RV8) and BFO control (RV9) on the CDE-418 and IC5.
  - e. The internal clock is not correct.
    If the time given by the internal clock greatly deviates, connect the frequency counter to TPl on the CDC-353 CPU unit, and adjust the trimmer capacitor CVl so that the oscillation frequency becomes 32.768000kHz.

#### 4. PARTS LIST

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		-	CHASSIS	1513 1010	NR6-525	SHEET NO.			CHASSIS		TITLE NR6-525	SHEET NO.
6	PARTS NO	PARTS HAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	ME	TYPE	DESCRIPTION	cont
	2	CAP, FX0	CER	00106F103250	50v 10000PF	SCBAB00400	321	CONNECTOR		PCN6-225-2.50\$		SJBAADOD82
	25	CAP, FX0	CER	DE7150F2103PVA1		SCBAB01618	322	CONNECTOR		PCN6-225-2.505		SJBAADOD82
U	C3	CAP, FXB ELCTLY	Leter	ECESIVU4726	35WV 4700UF	SCEAA01681	323	CONNECTOR		PCN6-225-2.505		SJDAAGOOB2
Ú	90	CAP, FX0 ELCTLT		ECE-A1ES101	25V100UF	SCEAA01349	324	CONNECTOR		PCN6-225-2.505		SJDAAGOOS2
50,	2	CAP, FX0	PLSTC	PLSTC ECG-VIH473JZ	0.0470F	SCRAA00389	325	CONNECTOR		PCN6-225-2.508		5JDAA00082
ú	90	CAP, FX0	PLSTC	PLSTC ECG-V1H473JZ	0.0470F	SCRAA00389	326	CONNECTOR		PCN6-225-2.505		SJOAADDOB2
U	C.7	CAP, FXD	CER	0010481680JS0	50V 68PF	SCAAA01099	127	CONNECTOR		PCN6-225-2.505		SJBAAGOOB2
Ü	80	CAP, FXD	CER	00104CH100050	50V 10PF	SCAAAGO846	228	CONNECTOR		PCN6-225-2.505		SJBAAGOD82
Ü	63	CAP, FX0	CER	001055L121J50	50V 120PF	SCAAA01102	129	CONNECTOR		PCN6-225-2.505		SJBAAGOD82
1.0	10	CAP, FXD	200	DD104CH220JS0	50V 22PF	SCAAADOBSO	119 230	CONNECTOR		PCM6-225-2.508		SJOAAGGG82
Ü	110	CAP, FXB	CER	0010481560J50	50V 56PF	SCAAAO1098	131	CONNECTOR		PCN6-225-2.505		SJBAADDD82
ō	100	DIODE		M4C-52-12		STXAE00374	132	CONNECTOR		PCN6-225-2.505		SJDAAODO82
ū	503	30010		Z LW3	200V 1A	STXAN00061	333	CONNECTOR		PCN6-225-2.505		SJBAA00082
ō.		91000		RK44		STXAN00114	336	CONNECTOR		PCN6-225-2.505		SJDAADDOB2
	500 51	34014		18207687		STXAEDD355	119	CONNECTOR		5273-05A		SJW8U00123
14.	F2	FUSE		MF60NR-1A	1.4	52FAD00014	137	CONNECTOR		1L-G-12P-5372-E		SJWAD00082
14.	F \$ 2	CHUNGER		5-17221#9 100,120,22	~	SZZEGDDDDZ	238	CONNECTOR		1L-G-12P-53T2-E		\$3WAD00082
Ĥ	101	21		TAFBLOOSAP		SPAADOOG48	240	CONNECTOR		1L-6-6P-5372-E		\$2WA000099
7		JACK		5-10814#01		52ZE600003	342	JACK		8-03097#03		SUJALOGOSS
2002	2	JACK		PA-125	250V 6A	SJWAJ00007	10 143	JACK		8-03097#03		SJJALOGOSS
7	73	TERMINAL		M-110c-3		SJTBF00369	244	CONNECTOR		67095-12		SJWBE00147
7		3ACK		5-93097#03		SJJALODOSS	897	CHNECTOR		11-6-5P-8372-E		SJWADOOD69
ń	90	3ACK		8-03097#03		SJJALODOSS	EX	RELAY		LZ12H		SKLAC00033
7		JACK		5-43096#03		SJJALOGOSA	5	COIL		LAL03VBR22M	0.22ин	SLCAA00280
25,38		JACK		5-43096#03		533AL00056	27,12	COIL		LALOSVBR22M	0.22ин	SLCAA00280
'n	60	JACK		5-93097#03		SJJALOOOSS	174	CONNECTOR		M-62CJ000100		620300100
9	310	TERMINAL		PT-C02P01		5JJAK00003	874	CABLE		M-62CJ000129		62CJB00129
7	111	CONNECTOR		FM-MR-MCFM-2053		SJW8K00004	PC1	PCB		M-6PCJ0001578		60000157
-	214	CONNECTOR		5273-08A		SJW8U00135	1.8	RESISTOR	EXB	ERB-501J103	1/2W 10K OHM	SRDAAGO859
\$11.00	15	CONNECTOR		PCN6-228-2.508		\$JDAA00082	3.0 R.3	RESISTOR	FXD	ER0-25UJ333	1/4W 53K OHM	SEDAAG1381
7	216	CONNECTOR		PCN6-228-2.508		SJDAA00082	2.8	RESISTOR	EXP	ERB-25UJ103	174W 10K OHM	SRDAA01369
-	217	CONNECTOR		PCN6-228-2.50\$		SJDAA00082	8.5	RESISTOR	g X	ER0-25UJ332	1/4W 3.3K OHM	SRDAA01357
9	919	CONNECTOR		PCN6-225-2.505		5JDAA00082	9 #	RESISTOR	d×.	ER0-25UJ330	1/4W 33 OHM	SRDAAD1309
-	916	CONNECTOR		PCN6-225-2.505		SJDAAGGG82	810	RESISTOR	6 X	CRH2065 OHM J		SRHAAD1300
3,500	0.2	CONNECTOR		PCN6-225-2.508		SJ6AA00082	1-012		1	0 20M		SZJAPODODS

		AVR		C80-674	SHERT NO.
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE
10	CAP, FXB	PLSTC	ECG-V1H104JZ3		SCRAA00617
62	CAP, FXD ELCTLT	LCTLT	ECE-A1EU1008		SCEAAD1864
63	CAP, FXD ELCTLT	LCTLT	ECE-A1EU100B		SCEAA01864
90	CAP, FXD E	ELCTLT	ECE-Alguidia		SCEAA01813
cs	CAP, FX0	PLSTC	ECG-V1H104J23		SCRAA00617
90	CAP, FX0	PLSTC	EC9-V1H104J23		SCRAA00617
23	CAP, FXO E	ELCTLT	ECE-A1EU1008		SCEAA01864
60	CAP, FXD E	ELCTLT	ECE-A1EU1008		SCEAAO1864
100	30010		1\$207688		STXAE00588
000	DIODE		HZ38-2RE		STXAE00566
101	10		M5236L		SPDAB00170
102	10		TA78005AP		SPAADOOGS
103	10		TA78009AP		SPAAD00124
P14	CONNECTOR		H-62CJD00123		62CJ000123
13 61	PCB		H-6PCJD00171A		6PCJ000171
	RESISTOR	FXD	ERD-25UJ221T	220 OHM 1/4	SR0AA01543
12	RESISTOR	FXD	ERD-25UJ333T	1/4W 33K OHM	SRDAAD1591
83	RESISTOR	FXD	ERD-25UJ392T	1/4W 3.9K OHM	SROAAD1608
72	RESISTOR	e X	ERD-25UJ101T	1/4W 100 OHM	SROAAD1599
° 8.5	RESISTOR	×	ERD-25UJ222T	2.2K OHM 1/4W	5R0AA01548
98	RESISTOR	e X	ERD-25UJ103T	10K OHM 1/4W	SR0AA01547
811	RESISTOR	VAR	EVN-54AA00813	1K OHM B	SRVAB00293
18.1	TRANSISTOR	ec .	258553-Y		STBAEDDO36
TR1-2	ACCESSORY		AC229		SZKAHODOZO
181-3	BUSHING		7C-40B		SZZBYOOODS

PARTS LIST

13 JAC	JACK TITLE	248-40	SHEEF HO.	
11 3451 3451 3401 3401 3401 3401 3401 3401 3401 340	TYPE	DESCRIPTION	cops	
o conserve	HSJ0786-01-010		5JJAM00022	
C	M-4305-01-090		5JJAM00027 6ZCJ000104	
	ERD-51VJ101T	W. 0	SRDAA01711	
		ć		

			PARIS LIST						PARTS LIST		
		HF	HF TUNE TITLE	CFL-205	NHEST NO.		r	HF TUNE	UNE TITLE	CFL-205	SHEET N
PARTS NO		PARTS NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	copg
90	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAD01056	543	CAP, FXB	CER	C321681H472K-E-TP	470094	SCAADOO783
C.7	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	244	CAP, FXD	CER	C3216SL1H152J-E-TP	15000	SCAABOO791
80	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	543	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAABOO789
63	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	973	CAP, FXD	CER	C321681H1D3K-E-TP	0.010r	SCAABOO789
010	CAP, FXD	CER	C321681H103K-E-TP	0.010	SCAAD00789	242	CAP, FXD	CER	C321681H103K-E-TP	0.010r	SCAABOO789
113	CAP, FX0	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	643	CAP, FXB	CER	C321681H103K-E-TP	0.010#	SCAABOOTAS
c12	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056	643	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAABOO789
513	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789	050	CAP, FXB	CER	C321681H103K-E-TP	0.010#	SCAABOO789
210	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAABOO789	150	CAP, FXD E	ELCTLT	ECE-A1EU1008		SCEAAD1864
1001	CAP, FXD	CER	C321681H103K-E-TP	0.010	SCAAB00789	10,052	CAP, FXD	CER	C3216F1H1042-E-TP	0.100	SCAABDIDS
010	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	653	CAP, FXB	CER	C3216CH1H680J-E-TP	68PF	SCAABBO929
C12	CAP, FX0	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	453	CAP, FXB	CER	C3216CH1H100D-E-TP	10PF	SCAADOO785
618	CAP, FX0	CER	C3216B1H1D3K-E-TP	0.010F	SCAABG0789	553	CAP, FXB	CER	C3216CH1H121J-E-TP	12099	SCAAB00931
613	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAABOO789	656	CAP, FXB	CER	C3216CH1H220J-E-TP	22P	SCAABOOBS
020	CAP, FXD	CER	C3216CH1H030C-E-TP	399	SCAAB00796	15041	CAP, FXD	CER	C3216CH1H56DJ-E-TP		SCAAB00863
123	CAP, FX0	CER	C3216CH1H030C-E-TP	SPF	SCAAD00796	653	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAADOTOS
525	CAP, FXB	CER	C3216CH1H030C-E-TP	395	SCAABOO796	653	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAABOOT89
623	CAP, FXB	CER	C3216CH1H030C-E-TP	395	SCAABOO796	090	CAP, FXD E	ELCTLT	ECE-A1EU1008		SCEAA01864
420	CAP, FXD	CER	C3216CH1H010C-E-TP	19.6	SCAABOO795	190	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAAD00789
10 025	CAP, FXD	CER	C3216CH1H020C-E-TP	42	SCAAD00798	10 062	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAD01056
626	CAP, FXB	CER	C3216CH1H471J-E-TP	470PF	SCAAb00797	0.63	CAP, FXD	880	C3216F1H1D42-E-TP	0.10#	SCAABBIBS
627	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAB00782	790	CAP, FXD	CER	C3216CH1H150J-E-TP	15.0	SCAABOOT87
628	CAP, FXD	CER	C3216CH1H030C-E-TP	397	SCAAB00796	590	CAP, FXD	CER	C3216CH1H150J-E-TP	159	SCAABOO787
650	CAP, FXD	CER	C3216CH1H030C-E-TP	395	SCAAB00796	993	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOO782
25, C30	CAP, FXD	CER	C32163L1H222J-E-TP	2200P	SCAAB00792	19 00	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAAD00789
c31	CAP, FXD	CER	C3216CH1H050C-E-1P	SP	SCAAB00800		CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAADOO782
c32	CAP, FXB	CER	C3216CH1H100b-E-TP	1001	SCAABB00785	690	SAP, FXB	CER	C321681H103K-E-TP	0.010#	SCAABOO789
633	CAP, FXD	CER	C321681H472K-E-TP	440044	SCAAB00783	070	CAP, FXD E	ELCTLT	ECE-ATEU1008		SCEAA01864
636	CAP, FXD	CER	C3216CH1H050C-E-TP	SP	SCAAD00800		CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAA000782
10 037	CAP, FXD	ac w	C3216CH1H100b-E-TP	1000	SCAAB00785	31,072	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAD00782
0.38	CAP, FXD	CHR	C321681H472K-E-TP	470005	SCAAD00783	673	SAP, FXD	CER	C3216SL1H102J-E-TP	1000P	SCAABOO782
680	CAP, FXD	CER	C321681H472K-E-TP	4700PF	SCAAB00783		CAP, FXD	CER	C32165L1M102J-E-TP	10001	SCAADOO782
070	CAP, FXD		C321681H472K-E-TP	440074	SCAA000783		CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782
177	CAP, FXD		C321681K472K-E-TP	440025	SCAAb00783		AP, FXB	CER	C321681H103K-E-TP	0.010r	SCAAB00789
1, 042	CAP, FXD	E .	C32165L1H222J-E-TP	22000	SCAAB00792	14291	AP, FXD	E .	C321681H1D3X-E-TP	0.010r	\$CAADO0789

4-6

HF TURE	t name	CFL-205	NHE HA		d#	HF TUNE	CFL-205	SHEET NO.
	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS HAME	TYPE	DESCRIPTION	cops
3216811	C321681H103K-E-TP	0.010F	SCAADOO789	CB17	910010	FC66M-010		51XAB00035
32168111	C321681H103K-E-TP	0.010F	SCAABOO789	6143	91000	FC66M-010		51XAB00035
ECE-ATEU1008	800		SCEAA01864	6143	94010	PC66M-010		STXABODOSS
C321681H103K-E-TP	03K-E-TP	0.010r	SCAAB00789	0240	DIODE	FC66M-010		51XAB00035
C3216F1H1042-E-TP	41-3-250	0.10F	SCAAD01056	CD21	30010	FC66M-010		STXAB00035
3216CH1H	C3216CH1H050C-E-TP	45	SCAABOOBOO	CD22	91010	FC66M-010		STXABODOSS
32168118	E32168L1H222J-E-TP	2200P	SCAAB00792	CD23	34010	FC66M-010		STXABODOSS
E321681H103K-E-TP	03K-E-1P	0.010F	SCAABOO789	5242	91006	FC66M-010		STXABODOSS
32165118	C32165L1H821J-E-TP		SCAAD01068	5240	DIODE	FC66M-010		5TXAB00035
32168184	C3216B1H472K-E-TP	440047	SCAAD00783	10 CD26	DIODE	FC66M-010		STXAB00035
3216511H	C32165L1H222J-E-TP	22009	SCAABGOT92	Cb27	01006	FC66M-010		51XAB00035
32168118	C32165L1H102J-E-TP	10001	SCAADD0782	6528	91016	FC66M-010		STXABODOSS
32168111	5321681H103K-E-TP	0.010	SCAABOO789	CD29	DIODE	FC66M-010		STXABODOSS
C321681H103K-E-TP	03K-E-TP	0.010	SCAABOO789	0590	DIODE	FC66M-010		STXABODOSS
202L3502 105MB	0 S M D	35V 1UF	SCSAC00982	1, Cb31	34010	FC66M-010		STXAB00035
32160414	C3216CH1H070b-E-TP		SCAABOO977	CD32	91016	FC66M-010		STXAB00035
32160414	C3216CH1H070D-E-TP		SCAABOO977	C033	91016	FC66M-010		STXAB00035
32165414	3216CH1H120J-E-TP	12P	SCAAB00784	2503	BIODE	FC66M-010		51XAB00035
32166414	3216CH1H120J-E-TP	12P	SCAAB00784	CD35	34010	FC66M-010		STXAB00035
M1301			STXAR00004	20 CD36	3010	FC66M-010		51XAB00035
11301			STXAR00004	CB37	DIODE	FC66M-010		STXABODOSS
M1301			STXAR00004	CD38	BIODE	FC66M-010		STXABODOSS
M1301			STXAR00004	6643	91010	FC66M-010		STXABODOSS
ISS149HRE			STXAE00589	0540	34010	FC66M-010		STXABODOSS
SS149HRE			STXAE00589	28 CD41	01001	FC66M-010		STX4800035
ISS149HRE	w		STXAE00589	CD45	D100E	FC66M-010		STXAB00035
138149HRE			5TXAE00589	CP43	01001	FC66M-010		STXABGGGSS
SSILGHRE			5TXAE00589	5540	D100E	FC66M-010		STXABOODSS
SS149HRE			STXAEDDS89	5940	10010	155181 TE85L		STXAB00356
35858			STXAE00590	9703 08	10010	188181 TE85L		STXA000356
SSSSRE			STXAEDDS90	2900	DIODE	155181 TE85L		STXADOD356
3585RE			STXAEODS90	8900	DIODE	185181 TE85L		STXAD00356
3888E			STXAEDDS90	0500	PIODE	15385RE		STXAE00590
3585RE			STXAEOOS90		Plobe	188181 TEBSL		STXAB00356
3585RE			STXAE00590	18 0052	BIODE	13S149HRE		STXAE00589

		PARTS LIST	1					PARTS LIST	1	
2110	a .	HF TURE	2047 CFL=205	SHEET NO.	2		HF TUNE	UNE TITE	20Z-142	SHEET NO.
PARTS NO	D PARTS NAME	TYPE	DRSCRIPTION	cobs	PARTS NO	PARTS HAME	N.	TYPE	DESCRIPTION	cops
C053	DIODE	188149HRE		STXAE00589	616	COIL		LALOSVB3R3K	3.30H	SLCAA00281
CV1	CAPACITOR VAR	12031200FR		SCVAA00166	117	COIL		LALOSVORZZM	0.220н	SLCAA00280
CV2	CAPACITOR VAR	T2037200FR		SCVAA00166	118	COIL		LALO3VB100K	1008	SLCAA00273
CV3	CAPACITOR VAR	T2031200FR		\$CVAA00166	617	COIL		LALO3VB471K	47004	SLCAA00270
cv4	CAPACITOR VAR	12031200FR		SCVAA00166	1750	COIL		LALO3VBR33M	0.33ин	SLCAA00274
CVS	CAPACITOR VAR	12031200FR		SCVAA00166	121	COIL		LALD3VBSR6K	5.6UH	SLCAA00275
CV6	CAPACITOR VAR	12031200FR		SCVAA00166	1.22	COIL		LALD3VB6R8K	6.8UH	SLCAA00276
101	. oI	HD74LS145P		S05AF00704	1.23	COIL		LALO3VB471K	470UR	SLCAA00270
147	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	P.3.1	CONNECTOR		EC1C-229-2.555A	22.6	\$JWB\$00070
10 1 12	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	P32	CONNECTOR		EC1C-22P-2.505A	22P	\$3MB\$00070
293	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	PC1	824		H-6PCJD001588		600300158
2 P &	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	12	RESISTOR	6 X 9	ERD-S1VJ390T		SREAAOOS90
SAF	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	R2	RESISTOR	0 X	ERD-\$143390T		SRDAADOSPO
296	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	200	RESISTOR	e x	ERD-\$1VJ100T		SRDAA01712
197	TIN COATED WIRE TA-0.6P	RE TA-0.6P		2717100001	***	RESISTOR	e ×	ERJ-8605J103T	1/8W 10K OHM	SREAG00576
1×	RELAY	DF2-DC9V		SKLAD00578	80	86515108	dx	ERJ-80CSJ103T	1/8W 10K OHM	SREAGODS76
K2	RELAY	DF2-DC9V		SKLAD00578	-0 E	RESISTOR	0 X A	ERJ-8GCSJ471T	1/8W 470 OHM	SREAGOD579
K3	RELAY	DF2-DC9V		SKLAD00578	7.8	RESISTOR	FXD	ERJ-8GC\$J102T	1/8W 1K OHM	SREAG00572
¥.4	RELAY	DF2-DC9V		5KLAD00578	80 80	RESISTOR	FXO	ERJ-8GCSJ4707	1/8W 47 0HM	SREAG00580
19 KS	RELAY	DF2-DC9V		5KLA000578	10 R9	RESISTOR	FXO	ERJ-8GC53470T	1/8W 47 OHM	SREAGDOSSO
8 K 6	RELAY	DF2-DC9V		5KLAD00578	014	RESISTOR	e ×	ERJ-86CSJ470T	1/8W 47 DHN	SREAGDOSSO
K7	RELAY	DF2-DC9V		SKLAB00578	811	RESISTOR	ex.	ERJ-88CSJ470T	1/8W 47 0HM	SREAGDDS80
13	1100	LAL03VB471K	41014	SLCAA00270	812	RESISTOR	FXB	ERJ-86CSJ470T	1/8W 47 0HM	SREAG00580
1.4	COIL	LAL03V8471K	H0027	SLCAA00270	813	RESISTOR	ex.	ERJ-8608J101T	1/8W 100 OHM	SREAGDD586
57 12	COIL	LAL03V8471K	4700H	SLCAA00270	35 814	RESISTOR	d X	ERJ-80CSJ101T	1/8W 100 OHM	SREAG00586
97	COIL	LALO3VB220K	220%	SLCAA00277	815	RESISTOR	FXD	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586
17	COIL	LAL03VB2R2M	2.2UH	SLCAA00278	816	RESISTOR	g x p	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586
F7	COIL	LAL03VB330K	330#	SLCAA00279	R17	RESISTOR	FXD	ERJ-8GCSJ101T	1/8W 100 0HM	SREAG00586
67	1100	LAL03VB100K	100%	SLCAA00273	100	RESISTOR	FXD	ERJ-86CSJ104T	1/8w 100K 0HM	SREAG00587
30,110	COIL	LALOSVBSSOK	33UH	5LCAA00279	2 8 1 9	RESISTOR	FXD	ERJ-8605J104T	1/8w 100x OHM	SREAGODS87
11	COIL	LAL03VB100K	100#	SLCAA00273	R20	RESISTOR	FXD	ERJ-86CSJ104T	1/8W 100K OHM	SREAGD0587
112	COIL	LALO3VB220K	2208	SLCAA00277	R21	RESISTOR	FXD	ERJ-86CSJ104T	1/8w 100x оня	SREAGD0587
113	TIOD	LAL03VBR22M	0.22UM	SLCAA00280	822	RESISTOR	g X	ERJ-8605J104T	1/8W 100K OHM	SREAG00587
717	1100	LAL03VBR22M	0.22им	SLCAA00280	R23	RESISTOR	FXD	ERJ-8GCSJ104T	1/8W 100K 0HM	SREAG00587
11,115	COIL	LAL03VB471K	4700H	SLCAA00270	,, R24	RESISTOR	FXD	ERJ-86CSJ104T	1/8W 10DK OHM	SREAG00587

			PARTS LIST							PARTS LIST		
		H	HF TURE TITLE	CFL-205		SHEET NO.			BF TORE	TUNE	£ CFL-205	NHEET NO.
PARTS NO	PARTS NAME	HAME	TYPE	DESCR	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	cops
R25	RESISTOR	FXD	ERJ-8605J104T	1/8W 10	/8м 100к оня	5REAG00587	860	RESISTOR	6X9	ERJ-86C5J470T	1/8W 47 OHM	SPEAGODSAN
R26	RESISTOR	ex.	ERJ-8GCSJ1047	1/8W 16	1/8W 100K OHM	SREAGODS87	861	RESISTOR		ERU-8608J101T	1/8¥ 100 0HM	SREAGODS&A
R27	RESISTOR	FXD	ERJ-8GC5J104T	1/8W 16	1/8W 100K OHM	5REAG00587	862	RESISTOR		ERJ-86CSJ470T	1/8W 47 OHM	SREAGODSAO
R28	RESISTOR	FXD	ERJ-86CSJ104T	1/8W 16	1/8W 100K 0HM	SREAGOD587	RA1	RESISTOR		IHR-7-473JA		SRIABODOSS
R29	RESISTOR	FXD	ERJ-86C\$J1047	1/8W 10	1/8W 100K OHM	SREAG00587	124	RESISTOR	FXD	ERJ-8GC\$0R00T	O OHM	SREAGODS90
R30	RESISTOR	FXD	ERJ-86CSJ104T	1/8W 10	1/8W 100K OHM	SREAG00587	832	RESISTOR	FXD	FB.1-84C COBODT	***************************************	400000000000000000000000000000000000000
831	RESISTOR	FXD	ERJ-86C\$J1047	1/8W 16	1/8W 100K OHM	SREAG00587		RESISTOR	FXO	ERJ-8GCSDRODI	WHO C	SPEAGODSON
8.32	RESISTOR	FXO	ERJ-86C\$J104T	1/8W 10	1/8W 100K OHM	SREAG00587	478	RESISTOR	f X0	ERJ-8GCSDRODI	WHO C	Seragonson
R33	RESISTOR	FXD	ERJ-86CSJ470T	1/8W 47 0HM	WHO A	5REAG00580	8.35	RESISTOR	FXO	ERJ-8GCSORDOT	M 0 0	SREAGODSOD
. 834	RESISTOR	FXD	ERJ-86CSJ821T	1/8W 820 OHM	₩но оа	SREAG00636	87.6	RESISTOR	FX0	ERJ-86CSORDOT	W 0 0	5REAG00590
R35	RESISTOR	FXO	ERJ-8GCRK5R6T	1/8¥ 5/6 OHM	16 OHM	SREAG00595	8.17	RESISTOR	FXO	FRJ-8GCSORODI	MHO D	00300004445
R36	RESISTOR	FXD	ERJ-86CRK5R6T	1/8W 5/6 OHM	16 OHM	SREAGDDS95	878	RESISTOR	FXD	ERJ-8GCSOROOT	0 0 8 8	SREAGODSOD
R37	RESISTOR	FXO	ERJ-86CSJ221T	1/8W 220 OHM	NH0 03	SREA600594	678	RESISTOR	FXD	ERJ-8GCSOROOT	0 OHM	SREAGODSOD
8.38	RESISTOR	FX0	ERJ-86cSJ221T	1/8W 220 OHM	₩но 02	SREAG00594	8,10	RESISTOR	FXD	ERJ-8GCSDRODY	0 O W W	5REAG00590
1, R39	RESISTOR	FXO	ERJ-8605J103T	1/8w 10x OHM	ж они	SREAG00576	1117	RESISTOR	FXD	ERJ-80CSOROOT	MHO D	5REAG00590
840	RESISTOR	FX0	ERJ-86CSJ470T	1/8¥ 47 OHM	MHO 4	SREAG00580	RJ12	RESISTOR	FXD	ERJ-86CSOR001	мио д	SREAGODSOD
841	RESISTOR	FXO	ERJ-80CSJ102T	1/8W 1K OHM	MHO >	SREAG00572		RESISTOR	FXD	ERJ-8GCSOROOT	о о о	5REAG00590
842	RESISTOR	FXO	ERJ-86CSJ102T	1/8W 1K OHM	MHO 3	SREAG00572	8J14	RESISTOR	FXD	ERJ-8GCS0R001	0 OHM	5REAG00590
843	RESISTOR	ex.	ERJ-8GCSJ470T	1/84 47 OHM	MHO 4	SREAG00580	8118	RESISTOR	FXD	ERJ-8GCSOROOT	0 OHM	5REAG00590
10 864	RESISTOR	e ×	ERJ-8GCSJ2211	1/8W 220 OHM	NHO 02	SREAG00594	RV1	RESISTOR	VAR	EVN-D1AA00823		5RVAB00323
845	RESISTOR	FXB	ERJ-86CSJ221T	1/8W 220 OHM	NHO 03	SREAG00594		RF XFMR		H-6LHJD00441		61 H JB 00461
846	RESISTOR	FXB	ERJ-BOCRKSR6T	1/8¥ 5/6 OHM	₩но 9/	SREAG00595	1.2	RF XFMR		H-6LHJD00441		6LHJ000441
847	RESISTOR	ex.	ERJ-80CSJ1011	1/8¥ 100 0HM	мно oc	SREAG00586	13	RF XFMR		H-6LHJD00442		6LHJ000442
848	RESISTOR	e x	ERJ-80CSJ1011	1/8w 100 OHM	жно ос	SREAG00586		RF XFMR		H-6LHJB00442		6LHJD00442
21,849	RESISTOR	e X	ERJ-8GC\$J330T	1/8W 33 OHM	NHO S	5REAG00620	52 42	RF XFMR		H-6LHJB00385		6LHJD00385
R50	RESISTOR	FXB	ERJ-80CSJ151T	1/8W 150 OHM	NHO 05	SREAGODS83		RF XFMR		H-6LHJD00385		SETUDIONERIA
R 5.1	RESISTOR	FXB	ERJ-80CSJ682T	1/84 6.	1/8W 6.8K OHM	SREAG00577	17	RF XFMR		H-6LHJD00384		6LHJ000384
R 5.2	RESISTOR	ex.	ERJ-80CSJ3327	1/84 3	1/8W 3.3K OHM	SREAG00589	1.8	RF XFMR		H-6LHJD00384		6LHJD00384
853	RESISTOR	ex.	ERJ-80CSJ2227	1/84 2	1/8W 2.2K OHM	SREAG00575	4.6	RF XFMR		H-6LHJD00383		6LHJD00383
3.0	RESISTOR	d X	ERJ-8GC\$J1037	1/84 10	10K ONN	SREAG00576	0110	RF XFMR		H-6LHJ000383		6LHJD00383
855	RESISTOR	FXB	ERJ-86CSJ103T	1/8W 10K OHM	эк они	SREAG00576		RF XFMR		H-6LHJ000410		61 HJB006110
R56	RESISTOR	FXD	ERJ-80C\$J473T	1/8W 47K OHM	PK OHM	SREAG00578	112	RF XFMR		H-6LHJD00440		6LHJ000440
R57	RESISTOR	FXD	ERJ-8605J103T	1/8W 10K OHM	эк они	SREAGOD576	191	TEST TERMINAL	INAL	PCN6-PEA		SJBAADD364
R 5 8	RESISTOR	6 X D	ERJ-80CSJ103T	1/8W 10K OHM	эк они	SREAG00576	1 1 2	TEST TERMINAL	INAL	PCN6-PEA		SJDAADD364
11, 859	RESISTOR	6XD	ERJ-86C\$J101T	1/8w 100 OHM	о оки	5REAG00586	181	TRANSISTOR	*	25A1162-Y TE85L		STAA600182

A		H	HF TURE TITLE	EFL-205	SHEET NO.	
1   1   1   1   1   1   1   1   1   1	PARTS NO		TYPE	DESCRIPTION	cons	
10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	TRZ	TRANSISTOR	25K125		STKAN00002	
10 TO THE	T.R.3	TRANSISTOR	25K125		STKAN00002	
TO TAMENTO 20035 TO TAMENTO 200707 FEB.	184	TRANSISTOR	25K125		STKAH00002	
TO TABLETON TOTAL	TRS	TRANSISTOR	25K125		STKAH00002	
on industries descriptings.	186	TRANSISTOR	2501254		\$TCAB00024	
III TAMBILIAN SECTIF (SB).	187	TRANSISTOR	25A1162-Y TE85L		STAAG00182	
	188	TRANSISTOR	28C2712Y TE85L		STAAG00186	

	-	IF FILTER	CFH-35	SHEET NO.			41	IF FICTER TOTAL	CFH-36	SHEET NO.
PARTS HAME	NAME	TYPE	DESCRIPTION	cons	PARTS NO	PARTS	NAME	1778	DESCRIPTION	3400
CAP, FXO	883	C32168L1H102J-E-TP	1000P	SCAADOO782	C36	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAADO1056
CAP, FX0	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	C37	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAADD1056
CAP, FX0	CER	C32165L1H102J-E-TP	10001	SCAAB00782	0.38	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAADD1056
CAP, FXD	CER	C3216CH1H020C-E-TP	26	SCAAB00798	623	CAP, FXB	CER	C3216F1H1042-E-TP	0.10F	SCAADDIDS6
CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAADQ0782	040	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789
CAP, FXB	CER	C3216SL1H102J-E-TP	10001	SCAABOO782	143	CAP, FXD TANTAL	TANTAL	202L3502 105MB	35v 10F	SC\$AC00982
CAP, FXD	CER	C3216SL1H102J-E-TP	1000P	SCAAD00782	242	CAP, FXD ELCTLT	RLCTLT	ECE-A1EU1008		SCEAA01864
CAP, FXD	CER	C3216CH1H220J-E-TP	22P	SCAAD00869	043	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAD00782
CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAADOO782	773	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789
CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAD00782	57001	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056
CAP, FX0	CER	C32165L1H102J-E-TP	10001	SCAABB0782	646	CAP, FXD	CER	C3216B1H103K-E-TP	0.010F	SCAABOO789
CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAA601056	242	CAP, FXD	CER	C3216CH1H271J-E-TP		SCAADDOBBS
CAP, FX0	CER	C3216CH1H470J-E-TP	479	SCAA600864	870	CAP, FXD	CER	C3216CH1H271J-E-TP		SCAADOOBB3
CAP, FXD	CER	C3216CH1H470J-E-TP	479	SCAAD00864	693	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
CAP, FXB	CER	C3216CH1H68DJ-E-TP	68PF	SCAAD00929	050	CAP, FXD	CER	C3216CH1H271J-E-TP		SCAADOOBB3
CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAABD1056	153	CAP, FX0	CER	C3216CH1H271J-E-TP		SCAADOOBBS
CAP, FXB ELCTLT	ELCTLT	ECE-A1EU1008		SCEAA01864	c82	CAP, FX0	CER	C3216F1H104Z-E-TP	0.106	SCAAD01056
CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	553	CAP, FXB	CER	C3216F1H1042-E-TP	0.108	SCAADO1056
CAP, FXD	CER	C3216CH1H151J-E-TP	150P	SCAAD00870	750	CAP, FXD	CER	C3216F1H1042-E-TP	0.10%	SCAADD1056
CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	10 CSS	CAP, FXD	CER	C3216CH1H680J-E-TP	0.000	SCAABOO929
CAP, FXD ELCTLT	ELCTLT	ECE-ATEU1008		SCEAA01864	650	CAP, FXD	CER	C3216CH1H68DJ-E-TP	68PF	SCAABOD929
CAP, FXD	CER	C3216F1H1042-E-TP	0.105	SCAAB01056	553	CAP, FXD	CER	C3216F1H1042-E-TP	0.10#	SCAAD01056
CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOD782	653	CAP, FXB	CER	C3216F1H1042-E-TP	0.10#	SCAAB01056
CAP, FXO	CER	C32168L1H102J-E-TP	10001	SCAAD00782	653	CAP, FXB	CER	C3216F1H1042-E-TP	0.10#	SCAABOTOS
CAP, FXD	CER	C3216CH1H220J-E-TP	22P	SCAAD00869	092 44	CAP, FXD	CER	C3216CH1H680J-E-TP	6891	SCAAD00929
CAP, FXB	CER	C32165L1H102J-E-TP	10001	SCAABOO782	190	CAP, FXB	CER	C3216CH1H680J-E-TP	6891	SCAABOD929
CAP, FXB	CER	C3216CH1H101J-E-TP	10001	SCAAB00780	293	CAP, FXB	CER	C3216F1H1042-E-TP	0.10#	SCAA001056
CAP, FXD	CER	C321681H103K-E-TP	0.010r	SCAAB00789	593	CAP, FX0	CER	C3216CH1H050C-E-TP	5.6	SCAADODSOO
CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	593	CAP, FXD	CER	C3216F1H1042-E-TP	0.10/	SCAAD01056
CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	30000	CAP, FXD	CER	C3216F1H1042-E-TP	0.107	SCAAD01056
CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAb00789	993	CAP, FX0	CER	C3216F1H1042-E-TP	0.10F	SCAABOTOS
CAP, FXD	CER	C3216F1H104Z-E-TP	0.10r	SCAABD1056	293	CAP, FXB	ELCTLT	ECE-A1EU1008		SCEAA01864
CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAADD1056	268	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAAb00789
CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	693	CAP, FXD	CER	C321681H1D3K-E-TP	0.010F	SCAAb00789
CAP. FXO	000			220100105	6.70	CAD CVA	450	AT-1-4044404444		

	٦	-	IF FICTOR	CFH-38	SHEET NO.		1	E	IF FILTER TITLE	CFH-36	SHEET NO.
PARTS NO	PARTS NAME	HAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	AME	TYPE	DESCRIPTION	CODE
671	CAP, FX0	880	C32168L1H102J-E-TP	10001	SCAABOO782	57	COIL		LALO4MASS1K		SLCAA00136
672	CAP, FXD	CER	C3216F1H1042-E-TP	0.100	SCAAB01056		1103		LALDIVA221K	2200H	SLCAA00272
673	CAP, FXD	CER	C3216CH1H050C-E-TP	SP	SCAADOOBOO		7100		1 A1 O4 WA 22 1 W		SLCARDOZDA
540	CAP, FXD	CER	C321681H103K-E-TP	0.010r	SCAADOD789		7100		A DIVETOR	101111	SLCAADO273
675	CAP, FXD	CER	C3216B1H103K-E-TP	0.010F	SCAAD00789		CONNECTOR		EC1C-22P-2,588A	22.6	SJWBS00070
67.6	CAP, FXB	CER	C\$216F1H1067-E-TD	4116	***********						
677	640 640			101.0	SCAADUTUS	630	CONNECTOR		EC1C-22P-2.505A	229	3.14BS00070
			d1=3=7*0!#!#252	101.0	SCAAB01056	104	824		M-6PCJ0001598		6PCJ000159
0/3	CAP, FX0	CER	C3216F1H104Z-E-TP	0.104	SCAAB01056		RESISTOR	ex.	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
626	CAP, FX0	CER	C3216#1H104Z-E-TP	0.10%	SCAAD01056	82	RESISTOR	ex d	ERJ-86CSJ102T	1/8W 1K OHM	SREAGD0572
080	CAP, FX0	CER	C3216CH1H1000-E-TP	1000	SCAAB00785	20	RESISTOR	d X	ERJ-86CSJ330T	1/8W 33 OHM	SREAGD0620
c81	CAP, FXD	CER	C3216CH1H1000-E-TP	1001	SCAABOO785	7.0	9FS18108	FXO	FR1-80031330T	1/8W 33 OHM	SREAG00620
co1	30010		188226 TE85L		STXAB00320	50			23.625		5RXAB00026
200	30010		188226 TE85L		5TXA800320	98	RESISTOR	FXD	ERJ-86C3J821T	1/8W 820 OHM	SREAGOD636
	30010		RDS.1MB1-T1		STXAA00515	7.8	RESISTOR	6X9	ERJ-8605J332T	1/8W 3.3K OHM	SREAGOUS89
100 8	30010		135226 TE85L		STXAB00320	80 21	RESISTOR	ax.	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00584
500	30010		155181 TE85L		51XAD00356		80151584	4 ×	FR1-86CS1222T	1/8W 2.2K OHM	SREAG00575
	30010		155181 TE85L		51XA000356	810	RESISTOR	exe.	ERJ-86CSJ222T	1/8W 2.2K DHM	SREAG00575
	30010		133181 TE85L		STXAD00356	-	SESISTOR	FXD	ERJ-80CSJ101T	1/8W 100 OHM	SREAGODS86
	DIODE		155181 TEBSL		STXAD00356	812	RESISTOR	FXO	ERJ-86CSJ123T	1/8W 12K OHM	SREAG00681
6000	DIODE		135226 TEBSL		51XAB00320	813	RESISTOR	FXO	ERJ-8GC5J123T	1/8W 12K OHM	SREAGOD681
	DIODE		188181 TEBSL		STXAB00356	914	90151539	8	FB.I-RACRIARIT	1/8W 680 OHM	SREAGOOS91
	30010		183181 TEBSL		STXAB00356	213	RESISTOR	e X	ERJ-86CSJ470T	1/8W 47 OHM	SREAG00580
	30010		188226 TEBSL		5TXAB00320	816	RESISTOR	ex	ERJ-86C5J222T	1/8W 2.2K OHM	SREAG00575
	91000		155181 78851		5TXAB00356	817	RESISTOR	e X	ERJ-86CSJ122T	1/8W 1.2K OHM	SREAGOOS85
23, CD 15	10010		155184 TE85L		\$1XAB00290	8 1 8 80	RESISTOR	×	ERJ-86CSJ471T	1/8W 470 OHM	SREAG00579
	CAPACITOR VAR	VAR	TZ03T200FR		SCVAADD166	819	RESISTOR	e X	ERJ-86CSJ470T	1/8W 47 OHM	SREAG00580
	CRYSTAL	CKI	H-6XMJD00114	70.455MHZ	6XMJb00114	R20	RESISTOR	QX.	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
	COIL		LF-812		SLFAE00009	R21	RESISTOR	ax a	ERJ-80CSJ4721	1/8W 4.7K OHM	SREAGOOS73
	TLTER		CLF-06S	BW=6KHZ	SWRADDODD1	R22	RESISTOR	FXD	ERJ-8005J101T	1/8W 100 OHM	SREAG00586
	FILTER		MF-31C		SNWAA00019	3.0 R23	RESISTOR	FXD	ERJ-86CSJ332T	1/8W 3.3K OHM	SREAG00589
	10		HD74LS145P		\$55AF00704	824	RESISTOR	FXD	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586
5 :	COIL		LALO3VBR33M	0.33ин	5LCAA00274	R25	RESISTOR	f X 0	ERJ-8603J104T	1/8W 100K OHM	SREAG00587
	Tios		LAL03V8471K	470UH	SLCAA00270	R26	RESISTOR	gx.	ERJ-86CSJ221T	1/8W 22D OHM	5REAGD0594
5 6 6	7102		LALOSV8471K	470UH	SLCAA00270	R27	RESISTOR	gx.	ERJ-8008J333T	1/8W 33K OHM	SREAGDOS92
	770		LALUSVESSIK	3300H	SLCAA00271	828	RESISTOR	g x s	ERJ-86083122T	1/8W 1.2K OHM	5REAG00585

4-12 v.short

			PARTS LIST			l	l	ı	PARTS LIST		ı
	r	-	IF FLLTER TITLE	E CFH-36	SHRET NO.				IF FILTER TITLE	CFH-36	2-0 
PARTS NO	DARTS HAME	HAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	TANK	TYPE	DESCRIPTION	cong
829	RESISTOR	FX0	ERJ-86CSJ332T	1/8W 3.3K OHM	5REAG00589	865	RESISTOR	FXD	ERJ-86C\$J122T	1/8W 1.2K OHM	SREAGODS8
R30	RESISTOR	FXO	ERJ-86C\$J102T	1/8W 1K OHM	5REAGD0572	866	RESISTOR	FXO	ERJ-8605J122T	1/8W 1.2K OHM	SREAGOOS8
R31	RESISTOR	FXD	ERJ-8905J472T	1/8W 4.7K OHM	SREA'GDDS73	867	RESISTOR	FXO	ERJ-86C\$J122T	1/8W 1.2K OHM	SREAGOOS8
R32	RESISTOR	FXO	ERJ-86CSJ332T	1/8W 3.3K OHM	SREAGODS89	868	RESISTOR	FXO	ERJ-86C\$J122T	1/8W 1.2K OHM	SREAG0058
, R33	RESISTOR	FXO	ERJ-86CSJ151T	1/8W 150 OHM	5REAG00583	869	RESISTOR	ex.	ERJ-86CSJ821T	1/8W 820 OHM	SREAGODES
R34	RESISTOR	FXO	ERJ-86CSJ222T	1/8W 2.2K OHM	SREAG00575	R70	RESISTOR	e X	ERJ-86CSJ101T	178W 100 OHM	SREAG0058
835	RESISTOR	FXD	ERJ-86CSJ333T	1/8W 33K OHM	5REAG00592	8.7.1	RESISTOR	FXB	ERJ-86CSJ101T	1/8W 100 0HM	5REAG0058
R36	RESISTOR	FXO	ERJ-86CSJ102T	1/8W 1K OHM	5REAG00572	872	RESISTOR	PX B	ERJ-86C5J101T	1/8W 100 0HM	SREAGODS
R37	RESISTOR	FX0	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573	R73	RESISTOR	FXD	ERJ-86CSJ101T	1/8W 100 OHM	SREAGOOSS
. R38	RESISTOR	FXD	ERJ-8605J332T	1/8W 3.3K OHM	SREAGDD589	1.0 R74	RESISTOR	FXD	ERJ-86CSJ101T	178W 100 OHM	SREAG0058
R39	RESISTOR	FXD	ERJ-80CSJ151T	1/8W 150 OHM	5REAG00583	875	RESISTOR	dxa	ERJ-86C5J101T	1/8W 100 OHM	SREAGOOSS
840	RESISTOR	FX0	ERJ-86C\$J222T	1/8W 2.2K OHM	SREAG00575	RA1	RESISTOR		IMR-5-473JA	47K OHM X5	582AB0041
R41	RESISTOR	FXD	ERJ-8605J333T	1/8W 33K OHM	SREA600592	124	RESISTOR	FXD	ERJ-8GCSOROOT	O OHM	SREAGOOS9
842	RESISTOR	FXD	ERJ-8GCSJ102T	1/8W 1K OHM	SREAGODS72	832	RESISTOR	FXD	ERJ-86CSORODI	0 OHM	SREAGODS9
1.5 843	RESISTOR	FXD	ERJ-86C\$J103T	1/8W 10K 0HM	SREAG00576	11,823	RESISTOR	FXD	ERJ-8GCSORODT	MHO D	SREAGODS9
844	RESISTOR	FXD	ERJ-8GCSJ102T	1/8W 1K OHM	SREAG00572	878	RESISTOR	FXD	ERJ-86CSORODI	D OHM	SREAGODS9
845	RESISTOR	FXD	ERJ-8GCSJ153T	1/8W 15K OHM	SREAGD0596	836	RESISTOR	FXO	ERJ-86CSORODT	0 OHM	SREAGODS9
846	RESISTOR	FXD	ERJ-86C\$J104T	1/8W 100K OHM	SREAG00587	8.37	RESISTOR	FXO	ERJ-8GCSDRODT	MHO D	SREAGODS9
847	RESISTOR	FXD	ERJ-86CSJ103T	1/8W 10K 0HM	SREAG00576	878	RESISTOR	FXO	ERJ-86CSORDOT	MHO D	SREAGODS9
8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	RESISTOR	FXD	ERJ-86CSJ332T	1/8W 3.3K OHM	5REAG00589	10 RJ9	RESISTOR	e ×	ERJ-86CSOR00T	MHO D	SREAGODS9
849	RESISTOR	FXD	ERJ-86C\$J103T	1/8W 10K 0HM	SREAGOOS76	8310	RESISTOR	e ×	ERJ-8GCSOROOT	мно о	SREAGODS9
R51	RESISTOR	FXD	ERJ-8GCSJ103T	1/8W 10K 0HM	SREAG00576	RJ11	RESISTOR	ex.	ERJ-86CSDRODT	мно о	SREAGDOS9
R52	RESISTOR	g x g	ERJ-86CSJ334T	1/8W 33DK OHM	SREAG00632	RJ12	RESISTOR	ex.	ERJ-8GCSORDOY	MHO O	SREAGDOSS
R53	RESISTOR	0 X d	ERJ-86CSJ223T	1/8W 22K OHM	SREAG00581	RJ13	RESISTOR	4×5	ERJ-8GCSOROOT	₩НО О	SREAGDOS
R54	RESISTOR	FXD	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573	RJ14	RESISTOR	FXD	ERJ-8GCSOROOT	мно о	SREAGDOSS
R55	RESISTOR	FXD	ERJ-8GC5J472T	1/8W 4.7K OHM	SREAGODS73	8118	RESISTOR	FXD	ERJ-8GCSOROOT	мно о	SREAGDOSS
856	RESISTOR	g x g	ERJ-8GC5J222T	1/8W 2.2K OHM	SREAGODS75	RJ16	RESISTOR	FXB	ERJ-8GCSDRODT	MHO D	SREAGDOSS
R57	RESISTOR	#XD	ERJ-8605J223T	1/8W 22K OHM	SREAG00581	RJ17	RESISTOR	FXB	ERJ-80CSORODT	мно о	SREAGDDS9
R58	RESISTOR	g x d	ERJ-8605J223T	1/8W 22K OHM	SREAG00581	8,18	RESISTOR	FXD	ERJ-80CSOROOT	MHO O	SREAGDOS9
10 RS9	RESISTOR	FXD	ERJ-86C\$J122T	1/8W 1.2K OHM	SREAG00585	8 RJ 19	RESISTOR	PX P	ERJ-8GCSOROOT	мио О	SREAGOOS
860	RESISTOR	FXD	ERJ-8GC5J122T	1/8W 1.2K OHM	SREAGODS85	RJ20	RESISTOR	FXD	ERJ-8GCSDRODT	MHO D	SREAGDOSS
261	RESISTOR	FXB	ERJ-8GCSJ122T	1/8W 1.2K OHM	SREAG00585	RJ21	RESISTOR	FXD	ERJ-80CSORODT	MHO O	SREAGDOS
862	RESISTOR	FXD	ERJ-8605J122T	1/8W 1.2K OHM	SREAG00585	RJ22	RESISTOR	FXD	ERJ-8GCSORODT	мно о	SREAGDDS9
863	RESISTOR	FXD	ERJ-8605J122T	1/8W 1.2K OHM	SREAG00585	RJ23	RESISTOR	4×4	ERJ-80CSOROOT	MHO 0	SREAGDDS9
38.864	RESISTOR	FXD	ERJ-86053122T	1/8W 1.2K OHM	SREAG00585	8.324	RESISTOR	e ×	ERJ-86CSDR00T	MHO D	SREAGODS9

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		-		2411	Description	CODE
RJ25	RESISTOR	FXB	ERJ-8GCSORODI	1001	мио о	SREAG00590
RV1	RESISTOR	VAR	EVN-D4AA00854	3884		5RVAB00317
RVZ	RESISTOR	VAR	EVN-51AA00B22	2280		SRVAB00320
1.	RF XFMR		M-6LHJD00415	113	70.455MHZ	6LHJB00415
1.2	RF XFMR		H-6LHJD00413	113	70.455MHZ	6LHJ000415
13	RF XFMR		H-6LHJD00416	616	0.95∪н	6LNJD00416
1.4	RF XFMR		H-6LHJD00456	456		6LHJ000456
1.5	RF XFMR		<b>М-6</b> LИJD00389	389		6LHJ000389
16	RF XFMR		H-6LHJD00390A	390A		6LHJ000390
11.	RF XFMR		H-6LHJ000390A	390A		6LHJ000390
60	RF XFMR		M-6LHJ000297	297		6LHJB00297
4.6	RF XFMR		\$-061-006			SLJAADODOS
110	RF XFMR		\$-061-006			SLJAADDDDD
111	RF XFMR		H-6LJJ000037A	037A	455KHZ	61,3500037
191	TEST TERM	TERMINAL	PCN6-PEA			SJBAAG0364
122	TEST TERM	TERMINAL	PCN6-PEA			SJBAAGO364
193	TEST TERM	TERMINAL	PCN6-PEA			SJDAADD364
194	TEST TERM	TERMINAL	PCN6-PEA			SJDAADD364
181	TRANSISTOR	80	35K77-6R			STKAAOO108
10 TR2	TRANSISTOR	80	25K125			STKAH00002
183	TRANSISTOR	80	25K125			STKAHDDODZ
184	TRANSISTOR	80	28027147	TEBSL		STCAF00436
TRS	TRANSISTOR	98	35K77-6R			STKAA00108
186	TRANSISTOR	20	23027127	TESSL		STAAG00186
187	TRANSISTOR	8	25027127	TESSL		STAAG00186
00 00 00 00 00	TRANSISTOR	20	25C2712Y	1E85L		STAAG00186
189	TRANSISTOR	80	25C2712Y	TEBSL		STAAGD0186
TRIO	TRANSISTOR	98	25C2712Y	TEBŠL		STAAGD0186
1811	TRANSISTOR		28C2712Y	TESSL		STAAG00186
1812	TRANSISTOR	80	25027127	TE85L		STAAG00186
1813	TRANSISTOR	80	25A1162-Y	TE85L		STAAG00182
5	TIN COATED	ID WIRE	TA-0.8P			2717100002
			40.00			*******

		ı	PARTS LIST				ı	ı	PARTS LIST		
		-	IP AF AMP TITER	CAE-182	SHEET NO.		ľ	=	IF AF AMP TITLE	CAE-182	BHEET NO.
PARTS NO		PARTS NAME	TYPE	DESCRIPTION	goog	PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE
5	CAP, FXB	CER	C3216CH1H680J-E-TP	6891	\$CAA600929	036	CAP, FXD	8 8 9	C3216CH1H151J-E-TP	150P	SCAAD00870
6.2	CAP, FXB ELCTLT	ELCTLT	ECE-A1EU100B		SCEAA01864	C37	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAA500789
63	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056	638	CAP, FXD ELCTLT	ELCTLT	ECE-A1EU1008		SCEAA01864
70	CAP, FXD	CER	C3216F1H1042-E-TP	0.10#	SCAAB01056	639	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAADD1056
\$03	CAP, FXB	CER	C3216F1H1042-E-TP	0.10F	SCAA601056	070	CAP, FXD	C	C3216F1H1042-E-TP	0.10#	SCAAB01056
90	CAP, FXB	TANTAL	202L2502 225MB	2.2UF 25V	SC\$AC01129	190	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAAB00789
67	CAP, FXB	CER	C3216CH1H101J-E-TP	10001	SCAAB00780	273	CAP, FX0	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
80	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAB00782	673	CAP, FXO	CER	C3216F1H1042-E-TP	0.10%	SCAABD1056
60	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAADD1056	577	CAP, FXB	CER	C321681H103K-E-TP	0.010F	SCAAB00789
01001	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10%	SCAAB01056	10045	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
611	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10F	SCAAD01056	640	CAP, FXD	CER	C3216F1H1042-E-TP	0.107	SCAABD1056
c12	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAD01056	647	CAP, FXD	CER	C3216CH1H221J-E-TP	2200	SCAAD00790
613	CAP, FXB TANTAL	TANTAL	202L3502 224MB	0.22UF 35V	SCSACOD988	649	CAP, FXD	CER	C3216CH1H221J-E-TP	220P	SCAA500790
614	CAP, FXB TANTAL	TANTAL	202L3502 224MB	0.22UF 35V	SC\$AC00988	643	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAABOTOS6
1, 115	CAP, FXB ELCTLT	ELCTLT	ECE-A1EU1008		SCEAA01864	1,8 050	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
610	CAP, FXB TANTAL	TANTAL	202L3502 105MB	35V 1UF	SC\$AC00982	651	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAD01056
513	CAP, FXB	ELCTLT	ECE-A1EU1008		SCEAA01864	C52	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
613	CAP, FXD ELCTLY	ELCTLT	ECE-ATEU1008		SCEAA01864	653	CAP, FXD ELCTLY	ELCTLT	ECE-A1EU3308		SCEAA01822
613	CAP, FXD	CER	C32165L1H222J-E-TP	22000	SCAAD00792	654	CAP, FXD	CER	C32165L1H222J-E-TP	2200P	SCAAB00792
020	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAD01056	10 055	CAP, FXD	CER	C321681E333J-E-TP		SCAAD01055
120	CAP, FXD	ELCTLT	ECE-A1EU1008		SCEAA01864	650	CAP, FXB TANTAL	TANTAL	202L3502 474MB		SC\$AC01065
622	CAP, FXD	CER	C3216F1H1042-E-TP	0.101	SCAAD01056	C57	CAP, FXB	CER	C321681H103K-E-TP	0.010F	SCAAB00789
623	CAP, FXB	CER	C32163L1H102J-E-TP	10001	SCAAB00782	658	CAP, FXB TANTAL	TANTAL	20213502 47488		SC\$AC01065
624	CAP, FXD	ELCTLT	ECE-Altu1000		SCEAA01864	653	CAP, FXB TANTAL	TANTAL	202L3502 474MB		SCSAC01065
11, 025	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABB0789	18,000	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAADOO780
629	CAP, FXD	ELCTLT	ECE-A1EU3308		SCEAA01822	193	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056
527	CAP, FXD	CER	C3216F1H1042-E-TP	0.101	SCAAD01056	293	CAP, FXB ELCTLT	ELCTLT	ECE-ATEU1008		SCEAA01864
623	CAP, FXB ELCTLT	ELCTLT	ECE-A1EU221B	25v 220ur	SCEAA01786	C63	CAP, FXB ELCTLT	ELCTLT	ECE-ATEU1008		SCEAA01864
623	CAP, FXD	ELCTLT	ECE-A1EU1008		SCEAA01864	990	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789
10 030	CAP, FXD TANTAL	TANTAL	202L3502 224MB	0.22UF 35V	SCSAC00988	10000	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAD01056
631	CAP, FXD	ELCTLT	ECE-A1EU2218	25v 220ur	SCEAA01786	090	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
C32	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAAD00789	293	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAA601056
C33	CAP, FXD	CER	C3216CH1H1D1J-E-TP	14001	SCAAD00780	890	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056
C34	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAAD00780	690	CAP, FXB	CER	C3216F1H104Z-E-TP	0.105	SCAAD01056
1,635	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	040	CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056

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014	12	11118	87111		P. KG. 183	NHERT NO.			PARTS LIST		SHEET HO
10   10   10   10   10   10   10   10	TYPE DESCRIPTION	TYPE DESCRIPTION	TYPE DESCRIPTION	PTION	- 8	1 30	PARTS NO	PARTS NAME		CAE-182 DESCRIPTION	7 000
100   100	CAP.FXD CER C32163L1H102J-E-TP 1000P SCAAD	CER C32163L1H102J-E-TP 1000P	10001		SCAAD	00782	900	91001	188226 TERSL		STXABODX20
100   100	CAP, FX0 CER C3216CH1H101J-E-TP 100PF SCAAD	CER C3216CH1H1013-E-TP 100PF	100PF		SCAAD	00700	500	01001	155184 TEBSL		STXAB00290
10   10   10   10   10   10   10   10	CAP,FX0 CER C3216CH1H221J-E-TP 220P 5CAA	CER C3216CH1H221J-E-TP 220P	220P		SCAA	062000	900	DIODE	155184 TEBSL		STXAB00290
1	-E-TP 0.01UF	CER C321681H103K-E-TP 0.01UF	-E-TP 0.01UF		SCA	A000789	607	DIODE	188184 TEBSL		STXAB00290
100   100	CAP, FXD ELCTLT ECE-ATEU100B SCE	ECE-Aleuloos		306	SCE	AA01864	800 8	90010	188184 TEBSL		STXAB00290
111   111	CAP,FX0 CER C321681H103K-E-TP 0.01UF 5C	CER C321681H103K-E-TP 0.01UF	0.010F		30	AAD00789	600	30010	155181 76851		STXAD00356
1   10   10   10   10   10   10   10	CAP, FXB TANTAL 202L3502 224MB 0.22UF 35V 50	202L3502 224MB 0.22UF 35V	0.22UF 35V		š	SAC00988	0100	10010	155184 TE85L		STXAB00290
1   1   1   1   1   1   1   1   1   1	CAP, FXB TANTAL 202L3502 224MB 0.22UF 35V 5C	202L3502 224MB 0.22UF 35V	0.22UF 35V		30	SAC00988	1100	91001	155181 TE85L		STXADDDSS6
17   17   17   17   17   17   17   17	CAP, FXB TANTAL 202L2502 475MB 5C	202L2502 475MB		36	Se	SAC00934	5100	91000	155226 TEB5L		STXA600320
11   11   11   11   11   11   11   1	CAP,FXD TANTAL 20213502 105MB 35V 1UF SCS	202L3502 105MB 35V 1UF	35v 10F	-	268	AC00982	10 013	DIODE	15V1498		STXA000332
14   14   14   14   14   14   14   14	CAP,FXD CER C3216F1H1042-E-TP 0.1UF SCA	CER C3216F1H1042-E-TP 0.1UF	0.10F		SCA	Ap01056	4140	DIODE	15V149B		STXAD00332
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CAP, FXB ELCTLY ECE-A1EU1008 SCEA	ECE-A1EU10DB		30E)	SCE	1A01864	5143	7.60	TLR102A		\$12A000020
153   153   154	CAP,FXB CER C3216B1H103K-E-TP 0.01UF SCAL	CER C321681H103K-E-TP 0.01UF	0.010		SCAL	1000789	6145	91006	155184 TE85L		\$1×A000290
103 105 105 105 105 105 105 105 105 105 105	CAP,FXD CER C321681H103K-E-TP 0.01UF SCAJ	CER C321681H103K-E-TP 0.01UF	0.010		SCAJ	082000	101	21	SN16913P		\$50AL00301
1   1   1   1   1   1   1   1   1   1	CAP,FXD CER C321681H103X-E-TP 0.01UF SCAA	CER C321681H103X-E-TP 0.01UF	0.010F		SCAA	000789	11, 102	10	TC40528P		SPDAEDOZOS
114 11 11 11 11 11 11 11 11 11 11 11 11	9.106	CER C3216F1H1042-E-TP 0.1UF	9.106		SCAA	001056	103	10	M5223P		\$55AB00171
153   15   15   15   15   15   15   15	0.010	CER C321681H103K-E-TP 0.01UF	0.010		SCA	Ab00789	104	25	TA7222AP		\$5AA600070
161 16 2010 2010 16 20		CER C3216F1M1042-E-TP 0.1UF	0.10F		30	AAD01056	104-1	HEAT SINK	MPTH00638A		MPTH00638A
12   15   15   15   15   15   15   15		CER C3216F1H1042-E-TP 0.1UF	0.10F		Š	CAAD01056	105	10	M5218P		500AB00152
10   10   10   10   10   10   10   10	CAP,FX0 CER C3216F1H1042-E-TP 0.1UF 5	CER C3216F1H104Z-E-TP 0.1UF	0.10F		*	CAAB01056	10 106	10	M5223P		S00A800171
150   150		ECE-A1EU100B	ECE-A1EU100B		S	CEAA01864	107	110	TC40668P		SOBAEDOD78
150   150	0.010F	CER C321681H103K-E-TP 0.01UF	0.010F		8	CAAD00789	108	10	TC40668P		SDBAEGGG78
1,10 constitutes (1-25-51),-1  2,2 in constitute (1-25-51),-1  2,3 in constitute (1-25-51),-1  3,4 in constitute (1-2,4-51)  3,4 in constitute (1-2,4-51)  3,5 in constitute (1-2,4-51)  4,5 in constitute (1-2,4-51)  4,6 in constitute (1-2,4-51)  4,7 in constitute (1-2,4-51)  4		CER C321681H103K-E-TP 0.01UF	0.010F		*	CAAD00789	109	10	M5223P		SDBABOO171
1, 11 CONTEST OF LEGISTRALE   1, 11 CONTEST OF LEGISTRALE   1, 12 CONTEST OF LEGISTRALE   1, 15 CONTEST OF LEGISTRALE   1, 16	0.010F	CER C3216B1H1D3K-E-TP D.D1UF	0.010F		20	AADD0789	1010	10	MC3361P		SpbA500080
Jan   111 CALIFOR STATE CLASS   Jan   111 CALIFOR STATE CLASS   Jan   111 CALIFOR STATE CLASS   Jan	CAP,FX0 CER C3216F1H1042-E-TP 0.1UF SCA	CER C3216F1H104Z-E-TP 0.1UF	0.10%		SCA	AD01056	1, 11	CONNECTOR	IL-6-2P-53L2-E		\$3WABBBBB6
11   11   6   12   13   14   14   15   15   15   15   15   15	0.10#	CER C3216F1H1D4Z-E-TP 0.1UF	0.10#		SCA	Ap01056	147	TIN COATED WIRE	TA-0.6P		2717100001
135 THE GATES MEET TH-0.4.9.  14 THE GATES WITE TH-0.4.9.  15 COLL LACONOMIC TO-0.0.1.  15 COLL LACONOMIC TO-0.1.  16 COLL LACONOMIC TO-0.1.  17 COLL LACONOMIC TO-0.1.	0.10#	CER C3216F1H104Z-E-TP 0.1UF	0.10#	-	SCAA	001056	246	TIN COATED WIRE	TA-0.6P		2717100001
144   114 CORTE DIET 14-0.45   145 CORTE   145 CORTE DIET 14-0.45   1	CAP,FXB CER C3216F1H104Z-E-TP 0.1UF SCAM	CER C3216F1H104Z-E-TP 0.1UF	0.10F		SCAA	001056	293	TIN COATED WIRE	TA-0.6P		2717100001
1, 100 COATED WIRE TA-0.4P  1, COLL 14-704723 4,7MM  1,3 COLL 14-704723 4,7MM  1,3 COLL 14.0399100 100H	CAP,FXb ELCTLT ECE-A1EU1008 SCEA	ECE-A1EU1008	ECE-A1EU1008	SCEA	SCEA	A01864	294	TIN COATED WIRE	TA-0.6P		2717100001
L1 C01L LALOSWB27K 220UW L2 C01L FL-79472J 4.7MM L3 C01L LALOSWB100K 10UM	CAP, FXB CER C3216F1H104Z-E-TP 0.1UF 5CA	CER C3216F1H1D4Z-E-TP 0.1UF	0.104		SCA	Ab01056	240.00	TIN COATED WIRE	TA-0.6P		2717100001
L2 COIL FL-74472J 4.7MH	CAP,FXB CER C321681E333J-E-TP 50	CER C321681E333J-E-TP		26	20	AAbb1055	5	COIL	LALO3VB221K	2200H	SLCAAGG272
L3 COIL LALOSVB100K 10UH	CAP.FXD TANTAL 202L3502 105MB 35V 1UF 5C	202L3502 105MB 35V 1UF	202L3502 105MB 35V 1UF		30	\$AC00982	175	COIL	FL-7H472J	4.788	SLCAA00023
	DIDDE 188226 TE85L 51			5	8	XAD00320	57	1100	LAL03VB100K	1001	SLCAA00273

\$3WB\$00070

22P

EC1C-22P-2.50SA EC1C-22P-2.50SA

CONNECTOR

P27

51XAB00320 51XAB00320

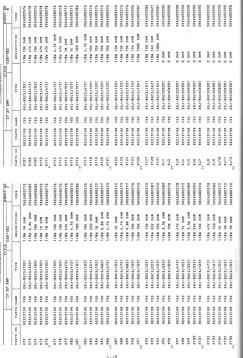
155226 TEB5L 155226 TEB5L

B100E

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			PARTS LIST	ı.		ŀ	ı	ı	PARTS LIST	l.	ı
		-	IF AF ARP TITLE	CAE-182	SHRET NO.		L	I.	IF AF ARP TITLE	CAE-182	NHEET HO.
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	3 75	TYPE	DESCRIPTION	cope
PC1	824		H-6PCJD001608		6PCJ000160	837	RESISTOR	FXB	FRJ-RGCSJ104T	1/8W 100K OHM	SPFERGOISE?
2	RESISTOR	FXD	ERJ-86CSJ223T	1/8W 22K OHM	SREAG00581	838		EXP	ERJ-86CSJ104T	1/8W 100K OHM	SREAGOD587
R2	RESISTOR	FXD	ERJ-8GCSJ474T	1/8W 470K OHM	SREAG00593	939	RESISTOR	FXD	ERJ-86CSJ101T	1/8W 100 OHM	SEEAGODSB6
R.3	RESISTOR	FXD	ERJ-80C\$J682T	1/8W 6.8K OHM	SREAGO0577	840	RESISTOR F	QX.	ERJ-80CSJ101T	1/8w 100 OHM	5REAG00586
7	RESISTOR	FXD	ERJ-80CSJ332T	1/8W 3.3K OHM	SREAG00589	, R41	RESISTOR	dx,	ERJ-8GC5J103T	1/8W 10K OHM	SREAGODS76
8.8	RESISTOR	FXB	ERJ-86CSJ822T	1/8W 8.2K OHM	SREAG00584	842	SESTSTOR S	e x p	FB1-RGF61440T	1/84 KK DUM	ABEAGODA20
8.6	RESISTOR	FXB	ERJ-80CSJ103T	1/8W 10K 0HM	SREAGODS76	843		ax.	ERJ-8605J3337	1/8W 33K OHM	5REAGOD592
11.7	RESISTOR	FXB	ERJ-8605J473T	1/8W 47K OHM	SREAG00578	844	_	0X	ERJ-8GCSJ101T	1/8W 100 0HM	SREAGOD586
60	RESISTOR	FXB	ERJ-8GCSJ563T	1/8W 56K OHM	SREA600627	845	RESISTOR	EXD	ERJ-86CSJ101T	1/8W 100 OHM	SREAGODS86
e e	RESISTOR	e X	ERJ-86CSJ562T	1/8W 5.6K OHM	SREAG00625	9749	RESISTOR F	6 X D	ERJ-8605J101T	1/8W 100 OHM	SREAG00586
810	RESISTOR	FX®	ERJ-86CSJ103T	1/8¥ 10K OHR	SREAG00576	847	81515108	EXD	FR1-86CS15601	1/8W SA DHM	00000001445
R11	RESISTOR	FXB	ERJ-86CSJ102T	1/8W 1K OHM	SREA600572	8 4 8	THERMISTOR		13049 (0-14)		58XAB00027
812	RESISTOR	FXD	ERJ-8608J105T	1/8W 1M OHM	SREA600772	849	RESISTOR	FXB	ERJ-8605J332T	1/8W 3.3K OHR	SERAGODSBO
813	RESISTOR	FXD	ERJ-86csJ105T	1/8W 1M OHM	SREAG00772	850	RESISTOR F	ex.	ERJ-8605J101T	1/8w 100 OHM	SREAG00586
11811	RESISTOR	FXD	ERJ-80C5J103T	1/8W 10K OHM	SREAG00576	1581	RESISTOR F	6 X P	ERJ-86C5J333T	1/8W 33K OHM	SREAGODS92
813	RESISTOR	FXD	ERJ-86CSJ103T	1/8¥ 10K 0HM	SREAGOOS76	R52	RESISTOR	e x p	ERJ-86C5J101T	1/8W 100 OHM	SREAGODSB&
816	RESISTOR	FXD	ERJ-86C\$J4737	1/8W 47K OHM	SREAG00578	853	RESISTOR	EXD	ERJ-8605J470T	1/8W 47 OHM	5REAGOD580
R17	RESISTOR	FXD	ERJ-86C\$J103T	1/8W 1DK OHM	SREAG00576	R54	RESISTOR F	ex.	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586
# 100 00	RESISTOR	FXD	ERJ-86C5J222T	1/8W 2.2K OHM	SREAG00575	R55	RESISTOR P	0 X	ERJ-86C5J101T	1/8W 100 OHM	SREAGODS86
10 819	RESISTOR	FXD	ERJ-8GC\$J221T	1/8W 22D OHM	SREAG00594	20 R56	RESISTOR F	e x o	ERJ-86C5J221T	1/8W 220 OHM	SREAG00594
R20	RESISTOR	FXB	ERJ-86053102T	1/8W 1K OHM	SREAGODS72	R57	RESISTOR	FXD	ERJ-86CSJ4731	1/8W 47K OHM	SREAGOD578
R21	RESISTOR	FXB	ERJ-86CSJ221T	1/8W 22D OHM	SREAG00594	858	RESISTOR	FXO	ERJ-86CSJ473T	1/8W 47K OHM	SREAG00578
822	RESISTOR	EX.	ERJ-86CSJS62T	1/8W 5.6K OHM	SREAG00625	859	RESISTOR F	6 X P	ERJ-8605J473T	1/8¥ 47K OHM	SREAGODS78
R23	RESISTOR	e x	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573	860	RESISTOR F	6 X P	ERJ-8605J472T	178W 4.7K OHR	SREAGOD573
2 5 R 24	RESISTOR	e X	ERJ-86CSJ220T	1/8W 22 OHM	SREAGOD619	25, 861	RESISTOR F	FXD	ERJ-8GCSJ103T	1/8W 10K ONM	SREAG00576
R25	RESISTOR	e ×	ERJ-86CSJ473T	1/8W 47K OHM	SREAGOD578	862	RESISTOR	0 X	ERJ-86CSJ473T	1/8W 47K OHM	SREAGODS78
R26	RESISTOR	ex.	ERJ-86CSJ104T	1/8W 100K OHM	SREAG00587	863	RESISTOR	FXD	ERJ-8608J101T	1/8W 100 OHM	SREAGODS86
R27	RESISTOR	FXO	ERJ-86CSJ4737	1/8W 47K OHM	SREAG00578	864	RESISTOR	0 X	ERJ-86CSJ103T	1/8¥ 10K ONM	SREAGODS76
828	RESISTOR	FXO	ERJ-86CSJS63T	1/8W 56K OHM	SREAG00627	865	RESISTOR F	gx.	ERJ-86CSJ103T	1/8W 10K OHM	SREAG00576
3.0 R29	RESISTOR	FXO	ERJ-86CSJ103T	1/8W 10K OHM	SREAG00576	20 R66	RESISTOR	QX.	ERJ-8605J103T	1/8W 10K OHM	SREA600576
R31	RESISTOR	FXD	ERJ-86CSJ102T	1/8W 1K OHM	SREAGOOS72	867	RESISTOR	e x	ERJ-86CSJ104T	1/8W 100K OHM	SREAGOOSB7
R32	RESISTOR	FXO	ERJ-86053474T	1/8W 470K OHM	SREAGOOS93	898	RESISTOR	g x	ERJ-86CSJ471T	1/8W 470 OHM	SREAGOOSTO
R33	RESISTOR	FXO	ERJ-86CSJ104T	1/8W 100K OHM	SREAG00587	869	RESISTOR F	ex.	ERJ-86CSJ103T	1/8W 10K OHM	SREAG00576
R35	RESISTOR	FXD	ERJ-86CSJ221T	1/8W 22D OHM	SREAG00594	R70	RESISTOR F	exa	ERJ-86CSJ1DST	1/8W 1M OHM	SREAG00772
35 836	RESISTOR	FXD	ERD-501J101	1/2W 100 OHM	SR0AA00811	12 871	RESISTOR F	FXB	ERJ-86CSJ105T	1/8W 1M OHM	SREAG00772

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									PARTS LIST		
154.7		-	IF AF ARP	TITLE CAE-182	NHEET NO.		-	F	IF AF ARP TITLE	LE CAE-182	SHRET NO.
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	3WV	TYPE	DESCRIPTION	cops
8113	RESISTOR	FXD	ERJ-86CSORODT	мио О	5REAG00590	8369	RESISTOR	ex.	ERJ-8GCSDRDOT	мно о	SPEAGODEON
8314	RESISTOR	f X0	ERJ-86CS0R00T	мно о	SREAGDDS90	8.350	RESISTOR	ex.	ERJ-8GCSOROOT	MNO O	SPEAGODSON
RJ15	RESISTOR	1X0	ERJ-8GCSORODT	MHO O	SREAGDOSPO	RV1	RESISTOR	VAR.	EVN-04AA008-14	10K 9HM	Sevan00270
8116	RESISTOR	FXO	ERJ-8GCSORDDT	MHO 0	SREAGODS90	872	RESISTOR	VAR	EVN-54AA008-14	10K OHM	SPY48000270
R317	RESISTOR	FXO	ERJ-86CSORODT	мно 0	5REAG00590	843	RESISTOR	VAR	EVN-D4AA008-24	20K OHM	\$RVAB00278
8118	RESISTOR	FXO	ERJ-86CSDRODT	NHO 0	SREAGOOS90	8.04	95515108	0 8 0	***************************************	-	
8119	RESISTOR	FXO	ERJ-86CSORODT	NHO 0	SREAG00590	RVS		VAR	FVM-blashings	E	444400044
8320	RESISTOR	FXO	ERJ-8GCSOROOT	MHO O	5REAG00590	RV6		VAR	TVN-D1AADDR14		Sevandorse
RJ21	RESISTOR	FXO	ERJ-8GCSOROOT	MHO O	SREAGDDS90	RVZ		VAR	FVN-BGAADDR-14	10v oum	Sevanon ve
1.0 RJ22	RESISTOR	FXO	ERJ-86CSDRODT	мно п	SREAGOOSPO	1.	COIL		50-ELD19A-41		6LAFD00018
RJ23	RESISTOR	FXO	ERJ-8GCSORODT	о они	SREAGOOS90	12	RF XFMR		3-061-006		************
RJ24	RESISTOR	FXO	ERJ-8GCSORDOT	MHO O	SREAGODS90	13	RF XFMB		3-061-006		31,14400004
RJ25	RESISTOR	FXD	ERJ-86CSORDDT	MHO D	SREAGDOSPO	1.4	RF XFMR		3-041-006		2000004
8.126	RESISTOR	FXO	ERJ-8GCSORODT	MHO O	SREAGOOSPO	141	TEST TERMINAL	WAL	PCN6-PEA		SIBABOOKE
15 8327	RESISTOR	FXD	ERJ-80CSORODT	MHO D	SREAG00590	1,1792	TEST TERMINAL	WAL	PCN6-PEA		\$J0AA00364
8,128	RESISTOR	FXO	ERJ-8GCSORODT	MHO O	SREAGOOSPO	163	TEST TERMINAL	14.8	OCHA-DEA		
RJ29	RESISTOR	FXO	ERJ-8GCSORODT	MHO D	SREAGOOSPO	181	TRANSISTOR		10777=00		320AA00304
8,30	RESISTOR	FXO	ERJ-8GCSORODT	MHO D	SREAG00590	182	TRANSISTOR		10777-08		SIKAAUUTUS
R.J.S.1	RESISTOR	FXO	ERJ-8GCSORODT	MHO O	SREAG00590	183	TRANSISTOR		18K77-09		STRANDING
20 RJ32	RESISTOR	FXD	ERJ-86CSDRDDT	MHO D	SREAG00590	184	TRANSISTOR		28C2712Y TE85L		51AA600186
RJ34	RESISTOR	FXO	ERJ-8GCSOROOT	о онм	SREAGDOS90	185	TRANSISTOR		28C2712V TERS!		***********
RJ35	RESISTOR	FXO	ERJ-86CSORODT	MHO O	SREAG00590	186	TRANSISTOR		28027127 78851		944000444
8.136	RESISTOR	FXD	ERJ-8GCSORODT	MHO O	SREAG00590	187	TRANSISTOR		28C2712Y TE85L		STARGODISE
RJ37	RESISTOR	FXD	ERJ-8GCSORDDT	мно 0	SREAG00590	188	TRANSISTOR		28C2712Y TE85L		STARGOUSE
15 8.38	RESISTOR	FXD	ERJ-86CSDRODT	мио О	SREAGOOS90	23 TR9	TRANSISTOR		28C2712Y TE85L		STAAGDD186
8.139	RESISTOR	FXD	ERJ-8GCSOROOT	MHO 0	SREAGDOSPD	1810	TRANSISTOR		25C2712Y TE85L		STARGODERA
8340	RESISTOR	FXD	ERJ-8GCSORDOT	MH0 0	SREAGDDS90	1811	TRANSISTOR		25C2712Y TE85L		STANCOURK
R341	RESISTOR	FXD	ERJ-8GCSOROOT	MHO O	SREAGOOS90	1812	TRANSISTOR		28C2712Y TE85L		STAAGDDIRA
8342	RESISTOR	FXD	ERJ-8GCSORODT	MHO O	SREAG00590	TRIS	TRANSISTOR		28C27127 TE85L		STANGODIRA
30 8343	RESISTOR	FXD	ERJ-86CSORODT	мно о	5REAG00590	30 TR14	TRANSISTOR		25C2712Y TE85L		51AAG00186
R344	RESISTOR	FXD	ERJ-8GCSORDOT	MH0 0	SREAGDDS90	TR15	TRANSISTOR		25C2712Y TEBSL		STARCOUTRA
8968	RESISTOR	FXD	ERJ-8GCSORDOT	MH0 0	SREAGDDS90	TR16	TRANSISTOR		25A1162-Y TEBSL		STA4600182
8346	RES1310R	FXD	ERJ-8GCSORODT	мно 0	SREAG00590	1817	TRANSISTOR		25A1162-T TEBSL		STAAGDO182
R347	RESISTOR	FXD	ERJ-8GCSORDOT	₩но 0	SREAG00590	1818	TRANSISTOR		25A1162-Y TEBSL		STAAGD0182
3,8348	RESISTOR	FXD	ERJ-86CSOROOT	о они	SREAG00590	, x,1	RESONATOR		8460C F0+-0.1%		SNNAFODODS

			101	1 4007	CGA-131	-			1007	ALTER A	C6A-151	SHEET NO.
Colorado	RTS NO		NAME	TYPE	DESCRIPTION	CODE		PARTS NAS	100	TYPE	DESCRIPTION	2000
Color   Colo		CAP, FXD	8 80	C3216CH1H101J-E-TP	100PF	SCAA600780	693		7	121Att 141031=E=T0	40004	
Colored   Colo		CAP, FXD	88	C3216CH1H101J-E-TP	100PF	SCAA600780	0 0	200			1000	SCAABUUTES
Colored   Colo		CAP, FXD	200	C3216CH1H101J-E-TP	100PF	SCAA000780	000	CAP, PAG CLC		E-A1E01008		SCEAA01864
O					2000	001000000	163	CAP, PED ELC	_	E-A1E0100B		SCEAA01864
Color   Colo		200		2001812000	1000	3044000700	C\$2			1216B1H103K-E-TP	0.010F	SCAABOO789
Colored   Colo		CAP, FXD	2	C32168L1H102J-E-TP	10001	SCAAD00782	, c53			1216SL1H102J-E-TP	10001	SCAADOO782
Colored   Colo		CAP, FXD	CER	C3216CH1H0600-E-TP	49	SCAAB00799	654			105015011	10000 1500	
Colored   Colo		CAP, FXD	CER	C3216CH1H270J-E-TP	279	SCAAB00793	994					TOO OO OO
COLVENT         COLVENT <t< td=""><td></td><td>CAP, FXD</td><td>CER</td><td>C32165L1H102J-E-TP</td><td>1000P</td><td>SCAAB00782</td><td>689</td><td>- 6</td><td></td><td>826201H18-8-</td><td>ADS AMOODL</td><td>SCRAADOSES</td></t<>		CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAB00782	689	- 6		826201H18-8-	ADS AMOODL	SCRAADOSES
Colored   Colo		CAP. FYD	080	CK21&CH1HD2DC=E=TB	30	SC 84800700				E-ATEUTUTB		SCEAAOTBIS
Colored   Colo		CAP, FXD	200	C32165L1H102J-E-TP	1000P	SCAABB0782	657			1216CH1H221J-E-TP	2200	SCAAD00790
CALLED   C							1.0			41-3-C701W1799131	40001	SCAADUUTEZ
COLUMN   C		CAP, FX0	CER	C3216CH1H030C-E-TP	395	SCAAB00796	650	CAP, FXD ELC		E-A1EU1018		SCRAADIBLE
CALLO   CALL		CAP, FXD	CER	C3216CH1H220J-E-TP	326	SCAAB00869	0.90	CAP. FYD TAN		121 2502 47580		200000000000000000000000000000000000000
Colored   Colo		CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAB00782	143	CAD GYD TAN		1012102 41340		SCSACOUNSE
O_177   CO   CONTROLOGIS-1-77		CAP. FXD	CER	C3216CH1H020C-E-TP	2.5	SCAABOO798				SELSTON ESTABLE	000000 00	SESACUTURY
Color   Colo		640 640		C			293	CAP, FXD CI		21681H103x-E-TP	0.0105	SCAABOO789
Colored   Colo		CAPATA	× ×	C3C103C1H1UC3-E-1P	40001	SCAABUUT82	1,003	CAP, FXD ELCT	_	E-A1EU1008		SCEAA01864
Colored   Colo		CAP, FXD	CER	C3216CH1H040C-E-TP	4.6	SCAAB00801	993			01-5-4101410141C		
CA-770   CE   CENTRALINGS-1-7-7   P   CENTRON   CE   CE   CENTRALINGS   CE   CE   CENTRALINGS   CE   CE   CENTRALINGS   CE   CE   CENTRALINGS   CE   CE   CE   CE   CE   CE   CE   C		CAP, FXD	CER	C3216CH1H270J-E-TP	279	SCAABOO793	970					SCHANGO BY
COLYD         COLYD <th< td=""><td></td><td>CAP, FXD</td><td>CER</td><td>C32163L1H102J-E-TP</td><td>10001</td><td>SCAAD00782</td><td>****</td><td></td><td></td><td></td><td>0.010</td><td>SCAABUUTEN</td></th<>		CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAD00782	****				0.010	SCAABUUTEN
CATATO   CONTRICT		CAP. EVO.	617	C421AcutuD2DC=E=T0	3.0	5044400708	000			471681H1U3K-E-TP	0.010	SCAA500789
CALIFORNIA   CAL							693			121681H103K-E-TP	0.010F	SCAAD00789
Column   C		CAPATA	CER	C32163L1H1U2J-E-1P	40001	SCAABOUT82	100 01	30010	4	V68RE		STXAEOOS91
CO.7.0. EL CONSCINEZA19 200         SCARDORRADO DE SERVICIO.         CO.7.0. EL CONSCINEZA19 200         SCARDORRADO DE SERVICIO.         CO.7.0. EL CONSCINEZA19 200         SCARDORRADO DE SERVICIO.         CO.7.0. EL CONSCINEZA19 200         CO.7.0. EL CONSCI		CAP, FXB	CER			622AB02065	583	Prope	÷	20870		
COLUMN   C		CAP, FXB	CER	C3216CH1H220J-E-TP	229	SCAADOOS69	143			2000		SIXACODSVI
COLYD         COLYD <th< td=""><td></td><td>CAP, FXB</td><td>CER</td><td>C32168L1H102J-E-TP</td><td>10001</td><td>SCAADDD782</td><td></td><td>200</td><td>-</td><td>20086</td><td></td><td>STXAEGOSOL</td></th<>		CAP, FXB	CER	C32168L1H102J-E-TP	10001	SCAADDD782		200	-	20086		STXAEGOSOL
Or   Or   Or   Or   Or   Or   Or   Or		CAP.FXB	883	C1216CH1H100h-F-T0	1000	SCAANDOZBE	*03	DIODE	-	14688		STXAE00591
Color of Communication   Color of Col		4	1	100000000000000000000000000000000000000		3044000163	540	DIODE	-	V68RE		STXAE00591
COLVED EST CHICKUMDN-1-19   COLVED STATE		CAP, PXB	CER	C32163L1H102J-E-TP	10000	SCAABOO782	945 48	DIODE	-	V6BRE		STXAE00591
Colon   Colo		CAP, FXD	CER	C3216CH1H100D-E-TP	1001	SCAABOOT85	240	PIODE	1.5	V688F		STVAEODEGA
COLVEN   COLUMN   C		CAP, FXD	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	800	91005		0.4.800		
CAPTO DE CONSENION-PER PER PER PER PER PER PER PER PER PER				ECE-ATEU1018		SCEAA01813	040			2000		SIXAEOUSVI
		CAP, FXB	CER	C32168L1H102J-E-TP	10000	SCAADOO782				30382		STXAEGOS90
COLUMN CONTROL		47.0					0100	3010	**	\$052E		STXAE00590
CO.700 CE CONSTRUCTO-1-1-1 1000		CAP, PXD	CER	C32163L1H1U2J-E-TP	40001	SCAA600782	110001	DIODE	-	SBSRE		STXAEDDS90
CO-7-10 CE CENTRALIZACIO 1000 SERVIDIANE COL 101 CENTRALI INSTITUTO COL 101		CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOD782	5012	91000	1.0	28598		STYAEDOSOO
C27441141021-4-1P 1000P SCAA00712 CUT 2104 THIN 1004 C27441141021-4-1P 1000P SCAA00712 CUT 2104 THIN 1005 CEC-A101100		CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAb00782	5015	PLONE				
C321641141021-E-TP 1000P SCAMOUDTR CD16 LED 114102A SCENAUTOR CD16 LED 114102A SCENAUTOR SCENAUTOR VAR 1203207FR		CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAADOO782			: :	2021 1002		STANDUSSE
ECE-ATUTION SCENADIB64 CT CAPACITOR VAR TZGJZD707R		CAP CYR	020	C124461 18402 1-6-19	40004	6044400763	5000	30010	2	3184 TEBSL		STXA000290
CVI CAPACITOR VAR T203207078		200		220111201120		20000000	6616	927		R102A		512Ab00020
			1	80010318-333		SCEARU1864	, cv1	CAPACITOR VA		032070FR		SCVAA00165

		PARTS LIST	181					PARTS LIST	1	
		1 4007	TITLE CGA-131	SHEET HO.		-	1007		T. T. C. C. C. S. T. S. T.	SHRET NO.
PARTS M	NO PARTS NAME	MR TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	AME	TYPE	DESCRIPTION	CODE
CV2	CAPACITOR VAR	AR TZOSZO70FR		SCVAA00165	#2	RESISTOR	6 X S	ERJ-86CSJ103T	1/8W 10K OHM	SREAG00576
CV3	CAPACITOR VAR	AR 12032070FR		SCVAA00165	2	RESISTOR	ex.	ERJ-86CSJ103T	1/8W 10K OHM	SREAGD0576
503	CAPACITOR VAR	AR TZG3ZG70FR		SCVAADD165	4	RESISTOR	exa	ERJ-86CSJ103T	1/8W 10K 0HM	SREAG00576
FL1	FILTER	D\$\$310-558222M	100v 0.0022UF	SNXAADDODS	8.8	RESISTOR	EXB	ERJ-8GCSJ471T	1/8W 470 0HM	SREAG00579
FL2	FILTER	D\$\$310-558222M	100v 0.0022UF	SNXAADDODS	8 8	RESISTOR	FXD	ERJ-8GCSJ473T	1/8W 47K OHM	5REAG00578
FL3	FILTER	10760		5NBAG00011	R.7	RESISTOR	FXD	ERJ-8GC5J101T	1/8W 100 0HM	SREAG00586
FL4	FILTER	99581		SNBAG00011	60 81	RESISTOR	FXD	ERJ-8GC\$J101T	1/8W 100 OHM	5REAG00586
101	IC	TA7521P		SPARD00045	9.8	RESISTOR	FXD	ERJ-86053471T	1/8W 470 OHM	5REAGD0579
102	10	MC14016BCP		SPAAJ00351	810	RESISTOR	FXO	ERJ-860834737	1/8W 47K OHM	5REAGD0578
10103	ıc	UPC141C		55AAA00042	10 811	RESISTOR	rx0	ERJ-8605J101T	1/8W 100 OHM	SREAG00586
105	IC	H074LS26P		500AF00297	R12	RESISTOR	6 X &	ERJ-8608J101T	1/8W 100 OHM	SREAGOOS86
106	10	MC4044P		Spb.A500002	813	RESISTOR	exa	ERJ-8008J471T	1/8W 470 OHM	SREAG00579
107	10	HD74L\$26P		500AF00297	814	RESISTOR	ex.	ERJ-860534737	1/8W 47K OHM	SREAG00578
108	IC	UPC1651G		SPARADD171	815	RESISTOR	FXB	ERJ-8605J330T	1/8W 33 OHM	5REAG00620
631 41	Ic	UPC1651G		SPAAADD171	1.5 816	RESISTOR	FXB	ERJ-86CSJ101T	1/8W 10D OHM	SREAGODS86
5	COIL	\$18(3,51)3775		SLAAA00031	817	RESISTOR	FXD	ERJ-8GCSJ4711	1/8¥ 470 0HM	SREAG00579
77	COIL	\$18(3.51)2775		5LAAA00031	818	RESISTOR	FXD	ERJ-86CSJ473T	1/8W 47K DHM	SREAG00578
1.3	1103	\$18(2.51)3715		SLAAAOOO32	819	RESISTOR	FXO	ERJ-86CSJ100T	1/8W 1D OHM	5REAG00617
1.4	COIL	\$18(2.51)2755		SLAAAOOO32	820	RESISTOR	FXO	ERJ-86CSJ101T	1/8W 10D OHM	SREAG00586
10,15	COIL	LALDGNAZRZM		SLCAADD184	10 821	RESISTOR	×	ERJ-86CSJ473T	1/8W 47K OHM	SREAG00578
6.6	COIL	LALD4NA2R2M		SLCAADD184	823	RESISTOR	g X	ERJ-8GCSJ101T	1/8W 100 0HM	SREAG00586
17	COIL	LALD4NA2R2M		SLCAA00184	R24	RESISTOR	FXB	ERJ-8GCSJ473T	1/8W 47K OHM	SREAG00578
6.1	COIL	LALOGNAZR2M		SLCAADD184	R25	RESISTOR	FXB	ERJ-8605J221T	1/8W 22D OHM	SREAG00594
67	COIL	LALO4NA2R2M		SLCAADD184	R26	RESISTOR	FXB	ERJ-8GCSJ101T	1/8W 100 OHM	SREA600586
1,110	COIL	LALOGNAZRZM		SLCAA00184	25 827	RESISTOR	FXD	ERJ-86CSJ101T	1/8w 100 OHM	SREAG00586
157	COIL	LALD4NA2R2M		SLCAADD184	R28	RESISTOR	FXD	ERJ-8GCSJ470T	1/8W 47 0HM	SREAGODSBO
112	COIL	LALO4NA2R2M		SLCAA00184	R29	RESISTOR	FX0	ERJ-8GCSJ680T	1/8W 68 OHM	5REAG00621
114	TIOO	LALO3VB471K	4700м	SLCAA00270	830	RESISTOR	FX0	ERJ-8GC\$J680T	1/8W 68 OHM	5REAGDD621
115	COIL	LAL03VB471X	470UH	SLCAADD270	831	RESISTOR	FXD	ERJ-86CSJ680T	1/8W 68 DHM	5REAG00621
917°s	COIL	LALO3VB471K	470UH	SLCAA00270	30,845	RESISTOR	FX0	ERB-25UJ2R2T	1/4W 2.2 OHM	SR0AA01633
L20	1100	LALO3VB471K	470UH	SLCAA00270	846	RESISTOR	FXO	ERJ-8605J822T	1/8W 8.2K DHM	SREAGODS84
P 2 3	CONNECTOR	EC1C-22P-2.50SA	Ī	SJWBS00070	R47	RESISTOR	FXB	ERJ-86C\$J182T	1/8W 1.8K OHM	SREAG00582
92d	CONNECTOR	EC1C-22P-2.505A	4 22P	SJWB\$00070	848	RESISTOR	FX0	ERJ-86CSJ221T	1/8W 220 OHM	SREAG00594
PC1	824	N-6PCJ000161C		6903000161	678	RESISTOR	FX0	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
3, R1	RESISTOR F	FX9 ERJ-8GCSJ103T	1/8W 10K OHM	SREAG00576	15 150	RESISTOR	FX0	ERJ-86CSJ152T	1/8W 1.5K OHM	SREAG00574

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	Ľ	L00P 1 TITLE	C6A-131	SHERT NO.		1.06	1 400 1	. CGA-131	SHEET NO.
PARTS NO	PARTS NAME	TYPE	DESCRIPTION	cops	PARTS NO	PARTS NAME	TYPE	DESCRIPTION	cops
R51	RESISTOR FXD	ERJ-80CSJ152T	1/8W 1.5K OHM	SREAG00574	1815	TRANSISTOR	25A1162-Y TE85L	7 31 × 1	STAAG00182
R52	RESISTOR FXD	ERJ-86C5J221T	1/8W 220 OHM	SREAG00594	1816	TRANSISTOR	2SC2712Y TE85L		STAAG00186
853	RESISTOR FXD	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572					
R54	RESISTOR FXD	ERJ-8GCSJ101T	1/8W 100 OHM	SREAG00586					
, R55	RESISTOR FXD	ERJ-86CSJ394T	1/8W 390K OHM	SREAG01000					
856	RESISTOR FXD	ERJ-86CSJ124T	1/8W 120K OHM	5REAG00629					
R57	RESISTOR FXD	ERJ-86CSJ124T	1/8W 120K OHM	5REAG00629					
858	RESISTOR FXD	ERJ-8GCSJ103T	1/8W 10K OHM	SREAG00576					
R59	RESISTOR FXD	ERJ-86CSJ472T	1/8W 4.7K OHM	5REAG00573					
, R60	RESISTOR FXD	ERJ-86CSJ472T	1/8W 4.7K OHM	SREA600573	:				
198	RESISTOR FX0	ERJ-8GC5J103T	1/8w 10x OHM	SREAG00576					
862	RESISTOR FXD	_	1/8W S60 OHM	SREAG00571					
863	RESISTOR FX9	_	1/8W 4.7K OHM	SREAG00573					
264	RESISTOR FXS	ERJ-8GCSJ102T	1/8W 1K OHM	SREAG00572					
1865	RESISTOR FXD	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572	=				
866	RESISTOR FXD	ERJ-8GC5J101T	1/8W 100 OHM	SREAG00586					
867	RESISTOR FXD	ERJ-8GCSJ102T	1/8M 1K OHM	SREAGOD572					
868	RESISTOR FXD	ERJ-8GCSJ221T	1/8W 220 OHM	SREAG00594					
869	RESISTOR FXD	HVN1/8-10M OHM K	1/8w 10M 0HM	5R0AC02203					
2 th 8 th	RESISTOR VAR	EVN-01AADD813	¥	5RVAB00313	:				
8 4 2	RESISTOR VAR	EVN-01AA00813	¥	SRVAB00313					
TP2	TEST TERMINAL	PCN6-PEA		5JBAA00364					
194	TEST TERMINAL	PCN6-PEA		SJBAAG0364					
198	TEST TERMINAL			SJDAAG0364					
1 TP9	TEST TERMINAL	PCN6-PEA		SJBAA00364	=				
181	TRANSISTOR	25C2712Y TE85L		STA4600186					
182	TRANSISTOR	25C2712Y TE85L		STAAG00186					
183	TRANSISTOR	28C2712Y TE85L		STAA600186					
T.R.4	TRANSISTOR	28C2712Y TEBSL		STA4600186					
30 185	TRANSISTOR	25×192A-BL		STKAA00080	:				
186	TRANSISTOR	25K192A-BL		STKAAGGOSG					
187	TRANSISTOR	25K192A-BL		STKAA00080					
188	TRANSISTOR	25K192A-8L		STKAA00080					
189	TRANSISTOR	28K192A-8L		STKAADODSD					
1014	TRANSISTOR	28A1162-Y TEBSL		STAAGOO182					

		100	1 4 2 4 4 5 1 4 T 8 1 4 T 8	CGA-132	SHEET NO.			L00P	3.5	CGA-132	SHEET NO.
VARTS NO	$\perp$	PARTS HAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	SAME	TYPE	DESCRIPTION	cops
	CAP, FX0	CER	C321681H103K-E-TP	0.010F	5CAA000789	C37	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOO782
25	CAP, FX0	CAP, FXO ELCTLT	ECE-A1EU1008		SCEAA01864	c38	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782
13	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAAB00782	623	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAABOO782
4	CAP, FXD	CER	C3216CH1H220J-E-TP	22.6	SCAAB00869	040	CAP, FXD	CER	C3216B1H103K-E-TP	0.010F	SCAADOO789
22	CAP, FXB	CER	C32163L1H102J-E-TP	1000P	SCAAB00782	5,041	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAAB00782
90	CAP, FXD	CER	C32165L1H102J-E-TP	1000₽	SCAAB00782	C42	CAP, FXD	CER	C3216SL1H102J-E-TP	10000	SCAADOO782
4:	CAP, FXB	CER	C3216CH1H220J-E-TP	22P	SCAAD00869	0.43	CAP, FXD	CER	C32168L1H102J-E-TP	10001	SCAABBD782
**	CAP, FXB	CER	C3216CH1H101J-E-TP	10001	SCAADOOTED	545	CAP, FXD	200	C3216F1H104Z-E-TP	0.107	SCAADDIDS6
6	CAP, FXD	CER	C32168L1H102J-E-TP	10001	SCAADOO782	540	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAD01056
10	CAP, FXD	CER	C3216CH1H220J-E-TP	222	SCAAD00869	97501	CAP, FXD	CER	C3216F1H104Z-E-TP	0.1UF	SCAAD01056
	CAP, FXD	CER	C32168L1H102J-E-TP	10000	SCAABOO782	273	CAP, FXD	8 80	C321681H103X-E-TP	0.010#	SCAAb00789
112	CAP, FXD	CER	C3216CH1H020C-E-TP	2.5	SCAADOD798	870	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789
113	CAP, FXD	CER	C3216CH1H220J-E-TP	220	SCAAD00869	673	CAP, FXD ELCTLT	Lett	ECE-ATEUTODB		SCEAA01864
114	CAP, FXD	200	C32165L1H102J-E-TP	10000	SCAAD00782	050	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABBB789
115	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	1,051	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789
16	CAP, FXD	8 8 0	C3216CH1H120J-E-TP	129	SCAAD00784	555	CAP, FXB	CER	C321681H103K-E-TP	0.010F	SCAABOO789
117	CAP, FXD	880	C3216CH1H101J-E-TP	10001	SCAAD00780	653	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789
18	CAP, FXD	0	C3216CH1H101J-E-TP	100PF	SCAAD00780	654	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789
610	CAP, FXD	CAP, FXD ELCTLT	ECE-A1EU1018		SCEAA01813	655	CAP, FXD	CER	C3216B1H103K-E-TP	0.010F	SCAAD00789
5.50	CAP, FXD	CAP, FXD ELCTLT	ECE-A1EU1018		SCEAA01813	20 001	94014		FC53M-4	11.2-14.8PF(4V)	STXAB00034
121	CAP, FX0	CAP, FX0 TANTAL	20212502 475MB		SCSACD034	593	1.50		TLR102A		STZA000020
222	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAAB00780	ces	DIODE		18V6BRE		STXAE00591
:23	CAP, FXD	0.83	C3216CH1H101J-E-TP	10001	SCAAB00780	500	91010		188184 TE85L		STXAB00290
72:	CAP, FXO	CER	C3216F1H1042-E-TP	0.10F	SCAAB01056	500	650		TLR102A		ST2AB00020
523	CAP, FXD	AP, FXO ELCTLT	ECE-ATEU1018		SCEAA01813	11, 101	FILTER		D\$\$310-558222M	100v 0.0022UF	SNXAAODODS
123	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789	FL2	FILTER		DSS310-558222M	100v 0.0022UF	SNXAAOOOOS
228	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	101	10		TA7310P		55AA500091
623	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAADGO789	162	10		TA7310P		SPAA000091
30	CAP, FXD	CER	C3216CH1H820J-E-TP	829	SCAAD00930	103	10		NJM78LOSA	8V 100MA	SPAANODO79
C31	CAP, FXD	CER	C3216CH1H150J-E-TP	15P	SCAAD00787	30 104	10		MC140168CP		\$544J00351
32	CAP, FXD	CAP, FXD TANTAL	20213502 474MB		ScsAC01065	ICS	10		MC4044P		5000005
:33	CAP, FXB	CAP, FXD TANTAL	202L2502 475MB		SCSAC00934	106	10		HB74LS123P		SEDAFO0354
234	CAP, PXD		C32165L1H102J-E-TP	10001	SCAAB00782	107	10		HB74LS26P		566AF00297
:35	CAP, FXD		C3216CH1H220J-E-TP	22P	SCAABG0869	108	10		TC74HC4520P		S00AE00675
236	CAP. FXB	CER	C3216CH1H820J-E-TP	82P	SCAABOO930	109	10		MC74HC00M		S044J00142

			PARTS LIST		Sec. 11.00			l	PARTS LIST		1000
		0	2 4991	CGA-132	SHEET HO.		۲	1.059 2	2.5	CGA-152	SHEET NO.
PARTS NO		PARTS NAME	TVPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	TAME	TYPE	DESCRIPTION	cons
1010	110		HD10551P		SDDAFOO953	213	RESISTOR	FXB	ERJ-86CSJ103T	1/8W 10K OHM	SREAGD0576
1011	10		MC74HC160N		SDAAJ00182	814	RESISTOR	FXB	ERJ-86CSJ223T	1/8W 22K OHM	SREA600581
1012	10		MC74HC160N		50AAJ00182	815	RESISTOR	fXb	ERJ-86CSJ223T	1/8W 22K OHM	SREA600581
1013	10		MC74HC74N		50AAJ00133	816	RESISTOR	FXD	ERJ-8GCSJ102T	1/8W 1K OHM	SREA600572
1014	10		MC74HC161N		\$5AAJ00136	R17	RESISTOR	0 X	ERJ-8GC\$J102T	1/8W 1K OHM	SREA600572
1015	Ic		MS4459L	1/100 1/20	500AB00083	818	RESISTOR	FXO	ERJ-8605J100T	1/8W 10 OHM	SREAG00617
1016	ıc		MC145145P		S0008800058	819	RESISTOR	FXO	ERJ-86CSJ101T	1/8W 100 OHM	5REAG00586
1017	10		MC74HC574N		SDAAJ00230	820	RESISTOR	FXD	ERJ-86C5J102T	1/8W 1K OHM	5REAG00572
1018	10		MC145608CP		SDAAJ00350	R21	RESISTOR	FX0	ERJ-8605J105T	1/8V 1M OHM	SREAGO0772
10 1019	10		MC145608CP		SBAAJ00350	1.9 R.2.2	RESISTOR	ex.	ERJ-8605J103T	1/8w 10x OHM	SREAGO0576
1020	ıc		MC74HC574W		SPAAJ00230	R23	RESISTOR	FXB	ERJ-86CSJ330T	1/8W 33 OHM	SREAGOD620
1021	10		MC14560BCP		SPAAJ00350	825	RESISTOR	FXB	ERJ-86CSJ331T	1/8W 330 OHM	SREAGODS97
1022	10		MC145608CP		SDAAJ00350	R26	RESISTOR	ex.	ERJ-8605J222T	1/8W 2.2K OHM	SREA600575
1023	10		MC74HC574N		55AAJ00230	R27	RESISTOR	ex.	ERJ-86CSJ472T	1/8W 4.7K OHM	SREA600573
5,	COIL		LALOSVB2R2M	2.2UM	5LCAA00278	1,828	RESISTOR	d×4	ERJ-86CSJ153T	1/8w 15x OHM	SREAG00596
175	COIL		LALOSVOR47M	N0.47UH	SLCAA00283	829	RESISTOR	FXD	ERJ-80CSJ101T	1/8W 100 OHM	SREAGOOSSA
1.3	COIL		LALOSVBIROM	10%	SLCAA00282	R30	RESISTOR	8 X B	ERJ-86CSJ471T	1/8W 470 OHM	SREA600579
47	COIL		LALOSVB471K	470UH	SLCAA00270	R31	RESISTOR	8 X B	ERJ-80CSJ101T	1/8W 100 OHM	SREAGGOS86
57	COIL		H-6LAJD00234A		6LAJB00234	R32	RESISTOR	g x a	ERJ-8GCSJ104T	1/8w 100x OHM	SREAGGOSS7
97.2	1100		LAL03VB221K	2200H	SLCAA00272	20 833	RESISTOR	FXD	ERJ-8GCSJ222T	1/8W 2.2K OHM	SREAGODS75
17	COIL		LAL03VB471K	470UH	SLCAA00270	R34	RESISTOR	FXD	ERJ-86CSJ223T	1/8W 22K OHM	SREAGODS81
P21	CONNECTOR	90	EC1C-22P-2.50SA	22.6	\$JWB\$00070	R35	RESISTOR	FXO	ERJ-8005J331T	1/8W 330 OHM	SREAG00597
P22	CONNECTOR	90	EC1C-22P-2.50SA	22P	SJWBS00070	836	RESISTOR	FXD	ERJ-8GC3J470T	178W 47 OHM	SREAG00580
PC1	P.C.B		M-6PCJ0001628		600000000000000000000000000000000000000	R37	RESISTOR	FXD	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
2 8 H	RESISTOR	R FX0	ERJ-80CSJ1011	1/8w 100 OHM	SREAG00586	R38	RESISTOR	FXD	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
R2	RESISTOR	R FX0	ERJ-80CSJ101T	1/8W 100 OHM	SREA600586	R39	RESISTOR	FXO	ERJ-86CSJ471T	1/8W 470 OHM	SREAG00579
R.3	RESISTOR	R FXO	ERJ-8GCSJ1011	1/8W 100 OHM	SREAG00586	840	RESISTOR	FXO	ERJ-8GCSJ102T	1/8W 1K OHM	SREAG00572
3 8	RESISTOR	R FX0	ERJ-8GCSJ471T	1/8¥ 470 0HH	SREAG00579	841	RESISTOR	FXD	ERJ-8GC5J221T	1/8W 22D OHM	SREAG00594
N S	RESISTOR	R FX0	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573	842	RESISTOR	FXD	ERJ-8GC5J103T	1/8w 10k 0HM	SREAG00576
3 8 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	RESISTOR	R FX0	ERJ-86CSJ153T	1/8W 15K OHM	5REAG00596	30.843	RESISTOR	FXO	ERJ-86CSJ103T	1/8W 10K 0HM	SREAG00576
8.3	RESISTOR	R FX0	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586	844	RESISTOR	FXD	ERJ-8605J561T	1/8W S&D OHM	SREAG00571
60	RESISTOR	R FX0	ERJ-86CSJ104T	1/8W 100K OHM	SREAGD0587	845	RESISTOR	FXO	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573
8.6	RESISTOR		ERJ-86CSJ101T	1/8W 100 OHM	SREAGD0586		RF XFMR		H-6LHJB00297		6LHJB00297
114	RESISTOR		7	1/8W S60 OHM	SREAG00571	1.2	RF XFMR		H-6LHJB00297		6LHJD00297
, R12	RESISTOR	R FX0	ERJ-86CSJ472T	1/8W 4.7K OHM	SREAG00573	1,13	RF XFMR		H-6LHJ000297		6LHJB00297

ATTENDED TO THE STATE OF THE ST			TATE	401-142	SHEET NO.		
## 17   10   10   10   10   10   10   10		-		701 000	,		
1	PARTS NO		TYPE	DESCRIPTION	CODE		
1	15	RF XFMR	н-6143000297		6LHJ000297		
17   1700   1-041-203   1-04	16	RF XFMR	H-6LHJ000288A	7 MHZ	6LHJD00288		
111   110	17	RF XFMR	3-061-006		SLJAA00006		
111   110	TP1	TEST TERMINAL	PCN6-PEA		\$JBAA00364		
	193	TEST TERMINAL	PCN6-PEA		SJBAADD364		
111 1111111 COUNTY COUN	TP4		PCN6-PEA		\$JBAA00364		
	TPS		PCN6-PEA		SJBAADO364		
	1910		PCN6-PEA		SJBAADO364		
	1141		PCN6-PEA		SJDAA00364		
THI THENTAL CON-TOT THE THEORY CON-TOT THENTON THE	1112		PCN6-PEA		5JPAA00364		
111 INTERNATE CHAPTER  121 INTERNATE SECURITAR  122 INTERNATE SECURITAR  123 INTERNATE SECURITAR  124 INTERNATE SECURITAR  124 CONTR. #44449000	1014	TEST TERMINAL	PCN6-PEA		SJDAAGO364		
THE TABLETON TO SECUL WITH THE TABLETON TO THE TABLETON THE TABLETON TO THE TA	1915	TEST TERMINAL	PCN6-PEA		SJBAA00364		
TO THE STATE OF TH	181	TRANSISTOR	28C2714Y TE85L		STCAF00436		
O COUNTY OF STATES OF STAT	TR2	TRANSISTOR	28C2712Y TE85L		STAAGDD186		
A CHILL REMAINS THEY THE CHILD THE C	TR3	TRANSISTOR	28A1162-Y TE85L		STAA600182		
O CUTAL SEASON	184	TRANSISTOR	28C2712Y TE85L		STAAGOOTS6		
AND CATALANT CATALANTAN	185	TRANSISTOR	28A1162-Y		STAAG00179		
	-	CRYSTAL	M-6XMJD00189		6XHJD00189		

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	_	G PU		080-353	1			CPU	1110	252-293	SHEET NO.
PARTS NO	PARTS HAME	HAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	TAME.	TYPE	DESCRIPTION	CODE
811	BATTRY		CR-2032FT6		528Ab00067	C38	CAP, FXD	200	C321681H103K-E-TP	0.010F	SCAADOO789
	CAP, FXD	CER	C3216CH1H330J-E-TP	339	SCAA500794	623	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789
55	CAP, FXD	CER	C3216CH1H150J-E-TP	159	SCAAD00787	070	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAADOO789
63	CAP, FXD	CER	C3216CH1H150J-E-TP	159	SCAAD00787	242	CAP, FXB	CER	C3216F1H104Z-E-TP	0.10#	SCAADO1056
5°	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782	643	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAAD00789
6.5	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782	773	CAP, FXD TANTAL	NTAL	20212502 475MB		SCSAC00934
90	CAP, FXD	CE	C3216F1H1042-E-TP	0.10#	SCAAB01056	573	CAP, FXD TANTAL	MTAL	20212502 475MB		SC\$AC00934
67	CAP, FXD	8 80	C3216F1H1042-E-TP	0.10#	SCAAB01056	973	CAP, FXD	CER	C321681H103K-E-TP	0.0107	SCAAD00789
80	CAP, FXD	S S S	C3216F1N1042-E-TP	0.10F	SCAA001056	247	CAP, FXB TANTAL	MTAL	202L2502 475MB		SC\$AC00934
60	CAP, FXD	8	C3216SL1H102J-E-TP	10001	SCAAB00782	87001	CAP, FXB	CER	C321681H103K-E-TP	0.010F	SCAAD00789
010	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAAB00782	673	CAP, FXD	200	C321681H103K-E-TP	0.010F	SCAAD00789
113	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAABOO782	650	CAP, FXB TANTAL	MTAL	20212502 475MB		SC\$AC00934
513	CAP, FXD	200	C3216SL1H102J-E-TP	10001	SCAABOO782	153	CAP, FXB TANTAL	MTAL	202L3502 105MB	35v 1UF	SC\$AC00982
613	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782	552	CAP, FXB TANTAL	INTAL	202L3502 105MB	35v 1ur	SCSAC00982
1, 014	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAD00782	1,503	CAP, FXB TANTAL	NTAL	202L3502 105MB	35V 1UF	SCSAC00982
615	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	654	CAP, FXD TANTAL	MTAL	202L3502 105MB	35v 10r	SC\$AC00982
619	CAP, FXD	CES	C321681H103K-E-TP	0.010F	SCAAD00789	553	CAP, FXB TANTAL	INTAL	202L3502 105MB	35v 10r	SCSAC00982
613	CAP, FXD	0 8	C321681H103K-E-TP	0.010F	SCAAD00789	650	CAP, FXB TANTAL	MTAL	202L3502 105MB	35V 1UF	SCSAC00982
613	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAA500789	553	CAP, FXB TANTAL	MTAL	202L3502 105MB	35V 1UF	SCSAC00982
1000	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	10,058	CAP, FXB TANTAL	MTAL	202L3502 105MB	35V 1UF	SCSAC00982
123	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAA000789	653	CAP, FXB TANTAL	NTAL	202L3502 105MB	35V 1UF	SC\$AC00982
223	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAA600789	090	CAP, FXB TANTAL	MTAL	202L3502 105MB	35V 1UF	SCSAC00982
623	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAA500789	193	CAP, FXB TANTAL	NTAL	202L6301 476MB		SC\$AC00963
623	CAP, FXD	CER	C3216CH1H330J-E-TP	339	SCAA000794	595	CAP, FXD TANTAL	NTAL	202L2502 475MB		SC\$AC00934
23,026	CAP, FXD	SE SE	C32163L1H102J-E-TP	1000₽	SCAA500782	11, 063	CAP, FXB	CER	C3216F1H1042-E-TP	0.100	SCAAD01056
C27	CAP, FXD	CRR	C32163L1H102J-E-TP	10001	SCAAD00782	564	CAP, FXD	CES	C321681H332K-E-TP		SCAAB01020
c28	CAP, FXD	200	C32163L1H102J-E-TP	10001	SCAA500782	140	3010		155184 TE85L		STXAB00290
623	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782	500	91010		155184 TESSL		STXAB00290
020	CAP, FXD	CER	C32168L1H102J-E-TP	10001	\$CAA600782	603	0100E		155226 TE85L		51XAD00320
30 031	CAP, FXD	e m	C3216SL1H102J-E-TP	1000P	SCAAB00782	30000	30010		155184 TEBSL		STXAB00290
C32	CAP, FXD	CER	C321681H103K-E-TP	0.010	SCAABB0789	500	30010		155181 TE85L		STXAD00356
C33	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAAB00789	900	CE D		TLR102A		STZAB00020
C35	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	200	160		TLR102A		STZAB00020
636	CAP, FXD	W 0	C321681H103K-E-TP	0.010F	SCAAB00789	CV1	CAPACITOR VAR	VAR	1203R300YR		SCVAA00171

SCVAA00171 SNXAAOGOOZ

100v 0.0022UF

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CAPACITOR VAR FILTER 2 5

SCAA600789

0.010

C321681H103K-E-TP

200

CAP, FXD

PARTS LIST

PARTS LIST TITER

		PARTS LIST	1					PARTS LIST		
		042	c6c-353	SHEET NO.		L	nda	1117	2 CBC-353	SHEET NO.
PARTS NO	PARTS NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	AME	TYPE	DESCRIPTION	goo
101	10	MC74HC245N		50AAJ00203	010	CONNECTOR	1	FC1C-22P-2.5084	329	S.JURKOODZO
102	10	M5L2764K		50AAB00038	P20	CONNECTOR		EC1C-22P-2.50SA	22.6	5.3WB\$00070
103	10	MSM5126-20RS		500AG00139	PC1	900		H-6PCJ0001638	22.6	690300163
104	IC	MC146818P		5bAAJ00112	-	RESISTOR	EXP	ERJ-8608J154T	1/8W 150K OHM	SREAG00630
105	10	MSM82C55A-5RS		S00AG00102	, R2	RESISTOR	FXD	RC1/46F5.1M OHM J	1/4WS.1M OHM	5RCAA00742
10.6	10	TD62083AP		SDBAEOOSO7	10°	801515108	g X p	FRJ-RGCSJ103T	1/8W 10K 0HM	SREAGODS74
107	10	S-8054ALR		S028X00003	9	RESISTOR	exp	ERJ-86CSJ103T	1/8W 10K 0HM	SREAG00576
108	10	MC74HC573N		SDAAJ00229	8.7	RESISTOR	exp	ERJ-80CSJ103T	1/8W 10K 0HM	SREAG00576
109	10	TC40H138P		SDDAE00310	60	RESISTOR	g x a	ERJ-86CSJ473T	1/8W 47K OHM	SREAGODS78
1,0101	10	MC74HC573N		\$5AAJ00229	8.6	RESISTOR	FXD	ERJ-8GC5J473T	1/8W 47K OHM	SREAG00578
1111	10	ND63A03RP		S05AF00934	810	PESTSTOR	FYD	FBJ-RGC6110XT	1/8W 10K 0KM	AT20005445
1012	10	MC74HC00N		SDAAJ00142	118	RESISTOR	6x6	ERJ-86CSJ105T	1/8W 1M OHM	SREAGOD772
1013	110	MC74HC11N		S0AAJ00156	812	RESISTOR	f X D	ERJ-86C\$J105T	1/8V 1M OHM	SREAGOD772
1014	10	MC74HCDDN		SDAAJ00142	813	RESISTOR	FXD	ERJ-8GC5J474T	1/8w 470K OHR	SREAG00593
1015	10	MC74HC14N		S04AJ00157	, R14	RESISTOR	0 X A	ERJ-86CSJ102T	1/8W 1K OHR	SREAG00572
1016	10	MC14011UBCP		55AAJ00349	914	9515159	e x a	FBJ-8GC6J10%T	1/8W 10Y 08W	A5000524
1017	Ic	MC74HC74M		55AAJ00133	816	RESISTOR	LXO	ERJ-8605J302T		SROAAD1573
1018	10	M5223P		\$500AB00171	817	RESISTOR	FXO	ER1-86CS1223T	1/8W 22K DHM	SREAGODSRI
1032	IC SOCKET	1cc05-028-360T		52JCK00042	818	RESISTOR	FXO	ERJ-8608J151T	1/8W 150 OHM	5REAG00583
50.0	TIOO	LALO3VB471K	470UH	SLCAA00270	R20	RESISTOR	FXB	ERJ-86CSJ105T	1/8W 1M OHM	SREAG00772
77	COIL	LALOSVB100K	1001	SLCAA00273	821	RESISTOR	ex.	ERJ-8605J332T	1/8W 3.3K OHM	SREAGODSRO
1.3	COIL	LAL03VB221K	220UH	SLCAA00272	822	RESISTOR	ex.	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
77	COIL	LALDSVB221K	220UH	5LCAA00272	R23	RESISTOR	FXB	ERJ-8GCSJ102T	1/8W 1K OHM	SREAG00572
1.5	COIL	LALOSVB221K	220UH	SLCAA00272	R24	RESISTOR	FXB	ERJ-86CSJ101T	1/8W 100 OHM	SREAGDD586
1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1	COIL	LAL03VB221K	220UH	SLCAA00272	15 R25	RESISTOR	FXB	ERJ-86CSJ101T	1/8W 100 OHM	SREAGOOSS6
17	COIL	LAL03VB221K	220UH	5LCAA00272	826	RESISTOR	ex.	ERJ-86C5J224T	1/8W 220K OWN	SREAG00631
L8	COIL	LAL03V8221K	220UH	SLCAA00272	827	RESISTOR	exa	ERJ-8GCSJ104T	1/8W 100K OHM	SREAG00587
67	COIL	LAL03V8221K	220UH	5LCAA00272	R28	RESISTOR	ex.	ERJ-8GCSJ103T	1/8M 10K OHM	SREAG00576
610	COIL	LAL03V8221K	220UH	5LCAA00272	R29	RESISTOR	e X	ERJ-86CSJ104T	1/8W 100K 0HM	SREAG00587
112	COIL	LAL03V8221K	220UH	SLCAA00272	RA1	RESISTOR		IHR-1/8-8-103JA		SRZABOD388
113	COIL	LAL03VB221K	220UH	SLCAA00272	RA2	RESISTOR		1HR-1/8-8-103JA		SRZARDDSRR
114	COIL	LAL03V8221K	220UH	SLCAA00272	RA3	RESISTOR		EXB-LD7104G		58ZAS00180
517	COIL	LAL03V8221K	2200H	SLCAA00272	RA4	RESISTOR		IHR-1/8-4-103JA		5RZAB00936
116	COIL	LALOSVB221K	220UH	SLCAA00272	RAS	RESISTOR		1HR-1/8-8-103JA		5RZAB00388
11,117	COIL	LAL03VB221K	220UH	SLCAA00272	RAG	RESISTOR		IHR-1/8-8-103JA		SRZAB00388

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		74	PARTS LIST				
0.5		CPU	274.04	C0C-353	SHEET NO.		
PARTS NO	PARTS HAME		TYPE	DESCRIPTION	CODE		
RV1	RESISTOR V	VAR EVN-D1AA00813		114	SRVAB00313		
RV2	RESISTOR V	VAR EVN-D1AA00815		100x	SRVAB00314		
191	TEST TERMINAL	AL PCN6-PEA			SJDAA00364		
192	TEST TERMINAL	IAL PCN6-PEA			SJDAA00364		
1773	TEST TERMINAL	IAL PCN6-PEA			5JDAA00364		
164	TEST TERMINAL	IAL PCN6-PEA			SJDAAGD364		
181	TRANSISTOR	25C2713-GR TE85L	GR TESSL		STCAF00433		
182	TRANSISTOR	25C2713-GR TE85L	GR TESSL		STCAF00433		
183	TRANSISTOR	25C2713-GR TE85L	GR TEBSL		STCAF00433		
1× *1	CRYSTAL	MX-38T 32.768KHZ	2.768KHZ		5XHAA00509		
×	CRYSTAL	ZN-x-000	LN-X-0008 F=4.9152MH		5XHAA00422		
10							
3.0							

4-28

			PARTS LIST						PARTS LIST		
		DAT	DATA 170 TITLE	TITLE CHH-632	SHEET HO			SATA 178	70 1174.8	CMH-632	BHEET NO.
PARTS NO		PARTS NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	ME	TYPE	DESCRIPTION	cops
13	CAP, FX0	CER	C3216CH1H101J-E-TP	1001	SCAAD00780	623	CAP, FXD C	CER C3	C3216CH1H221J-E-TP	220P	SCAABOO790
53	CAP, FXO	CER	C3216CH1H1D1J-E-TP	10001	SCAAB00780	040	CAP, FXB C	CER C3	C3216CH1H221J-E-TP	220P	SCAAB00790
63	CAP, FXD	CER	C3216CH1H471J-E-TP	470PF	SCAAB00797	143	CAP, FXB C	CER C	C3216F1H1042-E-TP	0.10#	SCAAB01056
40	CAP, FX0	CER	C3216CH1H471J-E-TP	440L7	SCAAB00797	177	FILTER	6	555310-558222M	100v 0.0022UF	SHXAADDDDS
50,5	CAP, FX0	CER	C3216CH1H471J-E-TP	44025	SCAAD00797	, 11.2	FILTER	6	DSS310-558222M	100v 0.0022ur	SNXAADDDDS
90	CAP, FXB	CER	C3216CH1H471J-E-TP	47072	SCAAB00797	101	21	Ж	4010551P		500AF00953
67	CAP, FXB	CER	C3216SL1H102J-E-TP	10001	SCAAD00782	162	IC	×	MC74HC00N		S0AAJ00142
80 U	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAAD00782	103	IC	×	MC74HC161N		S0AAJ00136
60	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAB00782	104	10	×	MC74HC74N		S0AAJ00133
01001	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAAB00782	105	10	×	4C74HC161H		55AAJ00136
110	CAP, FXD	C	C32165L1H102J-E-TP	10001	SCAAD00782	106	10	ž	4C74HC161W		55AAJ00136
513	CAP, FXD	CHR	C32165L1H102J-E-TP	10000	SCAAD00782	107	10	×	MC74HC74N		SPAAJ00133
513	CAP, FXD	S S S S S S S S S S S S S S S S S S S	C3216CH1H471J-E-TP	470PF	SCAA500797	108	10	×	#SMB2C55A-5RS		500000102
510	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAD00789	109	10	×	MC74HC27N		S5AAJ00158
11, 017	CAP, FXD	CER	C3216CH1H471J-E-TP	47099	SCAA600797	1,1010	10	×	4C74HC139N		SPAAJOO175
618	CAP, FXD	CER	C3216CH1H471J-E-TP	470PF	SCAAD00797	1011	10	K	MC74HC174N		SDAAJ00187
020	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABB0789	1013	10	E	M54455L		500AB00172
123	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	1014	10	ĸ	MC74HC74N		SDAAJ00133
223	CAP, FXD ELCTLT	ELCTLT	ECE-A1EU1008		SCEAA01864	1015	Ic	×	HD74LS160P		S05AF00429
10 023	CAP, FXD	CER	C321681H103K-E-TP	0.010#	SCAAB00789	1c16	10	x	H074LS160P		S05AF00429
624	CAP, FXD	CER	C3216B1H103K-E-TP	0.010F	SCAAB00789	1017	10	ž	MC74HC574N		50AAJ00230
623	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789	1018	IC	×	MC14560BCP		S644J00350
626	CAP, FXD ELCTLT	ELCTLT	ECE-A1EU100B		SCEAA01864	1019	IC	×	MC14560BCP		SDAAJ00350
C27	CAP, FXD		C321681H103K-E-TP	0.010F	SCAAB00789	1020	10	×	MC74HC574N		SPAAJ00230
11 028	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	577 142	CONNECTOR	Ξ	4KP-10F02		\$33AA00076
623	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	346	CONNECTOR	Ī	HKP-12F02		SJJAAODOBB
020	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	1.2	COIL	2	LALOSV0100K	100H	SLCAA00273
c31	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789	57	COIL	2	.AL03v8100K	10UH	SLCAA00273
C32	CAP, FXD	-	C321681H103K-E-TP	0.010F	SCAAB00789	77	COIL	2	LALOSVB100K	100×	SLCAA00273
10 033	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAADOO780	5791	7100	2	LALOSVBIROM	104	SLCAA00282
634	CAP, FXD	CER	C32163L1H102J-E-TP	1000P	SCAADOO782	P17	CONNECTOR	Ü	EC1C-22P-2.5bSA	22.6	SJW8300070
635	CAP, FXD	-	C32163L1H102J-E-TP	1000F	SCAABOO782	918	CONNECTOR	w	EC1C-22P-2.5b3A	226	SJWBS00070
636	CAP, FXD		C3216CH1H331J-E-TP		SCAAB01066	104	PC8	*	4-6PCJD00165B		600000000000000000000000000000000000000
C37	CAP, FXD		C3216B1H103K-E-TP	0.010F	SCAABOO789	£ 4	RESISTOR	FX0 E	ERJ-8GC5J473T	1/8W 47K OHM	SREAG00578
31, 038	CAP, FXD	CER	C3216F1H1042-E-TP	0.10	SCAAB01056	31,82	RESISTOR	FXD	ERJ-8GC5J221T	1/8W 220 OHM	SREA800594

	1	D.A.1	DATA 170	CRH-632	SHEET NO.	
PARTS NO	PARTS HAME	HAME	1498	DESCRIPTION	cope	
2	RESISTOR	ex.	ERJ-86CSJ103T	1/8W 10K OHM	SREAG00576	
	RESISTOR	ex.	ERJ-86CSJ103T	1/8W 10K 0HM	SREAG00576	
92	RESISTOR	FXB	ERJ-860531037	1/8W 10K OHM	SREAGOD576	
4	RESISTOR	4×4	ERJ-86053472T	1/8W 4.7K OHM	SREAGODS73	
	RESISTOR	FXD	ERJ-8GC\$J682T	1/8W 6.8K OHM	SREAG00577	
6.8	RESISTOR	FXD	ERJ-86C\$J473T	1/8W 47K OHM	SREAGOD578	
810	RESISTOR	FXD	ERJ-8605J331T	1/8W 330 OHM	SREAGDDS97	
111	RESISTOR	FXD	ERU-8005J331T	1/8W 330 OHM	SREAGOOS97	
812	RESISTOR	FXD	ERJ-86C\$J103T	1/8¥ 10K 0HM	SREAG00576	
813	RESISTOR	FXO	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572	
814	RESISTOR	0 X L	ERJ-86C\$J102T	1/8W 1K OHM	SREAGODS72	
815	RESISTOR	ex.	ERJ-8GC\$J102T	1/8W 1K OHM	SREAGOD572	
816	RESISTOR	FXB	ERJ-89C5J102T	1/8W 1K OHM	SREAG00572	
417	RESISTOR	FXB	ERJ-86C5J331T	1/8W 330 OHM	SREAG00597	
818	RESISTOR	FXB	ERJ-86CSJ331T	1/8W 330 OHM	SREAG00597	
618	RESISTOR	FXD	ERJ-86C5J331T	1/8W 33D OHM	SREAGD0597	
R20	RESISTOR	FXD	ERJ-8005J3311	1/8W 330 OHM	SREAG00597	
121	RESISTOR	FXD	ERJ-86CSJ331T	1/8W 330 OHM	SREAG00597	
822	RESISTOR	FXD	ERJ-86CSJ331T	1/8W 330 OHM	5REAG00597	
RA1	RESISTOR		IHR-1/8-8-473JA		5RZAB00442	
181	TRANSISTOR	80	28C2712Y TE85L		STAAG00186	
182	TRANSISTOR	80	28C2712Y TE85L		STAA600186	
183	TRANSISTOR	80	28C2712Y TE85L		STAAGOD186	
184	TRANSISTOR	80	25C2712Y TE85L		STAA600186	
xuı	CRYSTAL	080	NTO-771A	12.8MHZ	SXNAG00002	

			PARTS LIST					PARTS LIST		
	ľ	618	BISPLAY	C0E-418	SHEET NO.		9	DISPLAY	256-418	SHEET SO.
PARTS NO	PARTS NAME	HAME	3477	DESCRIPTION	CODE	PARTS NO	PARTS NAME	TYPE	DESCRIPTION	CODE
2	CAP, FXD	PLSTC	PLSTC ECG-V1H473JZ3	50v 0.047	SCRAA00628	C014	0100E	132076RE		STXAEDDS88
6.2	CAP, FXD	CER	00104-979CH220JS0		SCAAAD2543	5103	DIODE	182076RE		STXAE00588
63	CAP, FXB	CER	00104-979CH220JS0		SCAAA02543	6100	D100E	182076RE		STXAE00588
90	CAP, FXD	PLSTC	PLSTC ECG-BIH152JZ3		SCRAA00727	1.1	VFD	CP5243AGLR		SWZBEDDDDZ
S.	CAP, FXB	PLSTC	PLSTC ECG-V1H104JZ3		SCRAA00617	, FL1	FILTER	D\$310-558222M	100V 0.0022UF	SHXAADDOD2
90	CAP, FXD	PLSTC	PLSTC ECG-V1H104JZ3		SCRAA00617	101	10	UP08749HD		500AC00317
67	CAP, FXD	PLSTC	PLSTC EC9-V1H104JZ3		SCRAAD0617	102	IC	MSM82C43RS		S000096
80	CAP, FXD	CER	DD106-979F103Z50		SCAAAD2544	103	10	MSM82C43RS		S004600096
63	CAP, FXD TANTAL	TANTAL	202L2502 475MB		SC\$AC00934	104	10	TC5090AP		SODAEGOS96
10 010	CAP, FXD	CER	00106-9791103250		SCAAA02544	1.0 105	10	MC14051BCP		SDAAJ00348
1113	CAP, FXD	CER	00106-979F103250		SCAAAD2544	106	10	LR36710		SDDBNGGGS
513	CAP, FXB ELCTLT	ELCTLT	ECE-AIHU1008	50v 10UF	SCEAA02184	167	10	MC74HC244N		S0AAJ00138
c13	CAP, FXB ELCTLT	ELCTLT	ECE-A1HU100B	50v 10ur	SCEAA02184	108	10	MSL915RS		SOBAGOOOS2
614	CAP, FXD ELCTLT	ELCTLT	ECE-AlEU1018		SCEAA01813	109	ıc	MSL915RS		500A600052
1,0015	CAP, FXD	PLSTC	PLSTC ECG-M1102KZ3	50V 1000PF	SCRAA00728	1,8 1010	ıc	MSL915RS		\$00A600052
610	CAP, FXO ELCTLT	ELCTLT	Ece-Aleu100m		SCEAA01864	1111	10	MSL915RS		SDBA600052
617	CAP, FXD TANTAL	TANTAL	202L3502 105MB	35v 10F	SCSAC00982	1012	IC	HD74LS14P		505AF00294
613	CAP, FXO TANTAL	TANTAL	202L3502 105MB	35V 1UF	SCSAC00982	5	JACK UNIT	07-803		09-863
010	CAP, FX0 TANTAL	TANTAL	202L3502 105MB	35V 1UF	SCSAC00982	145	CONNECTOR	84P-SHF-1AA		SJWAPOOD89
020	CAP, FXD TANTAL	TANTAL	202L3502 105MB	35V 1UF	SCSAC00982	10 12	COIL	FL-98471J		SLCAAGGD89
123	CAP, FXB TANTAL	TANTAL	20213502 105MB	35v 10F	SC\$AC00982	53	COIL	LALD4NA330K		SLCAA00196
525	CAP, FXB ELCTLT	ELCTLT	ECE-A1EU1008		SCEAA01864	P36	CONNECTOR	M-62CJ000126A		6203500126
140	120		PR5551K		STZAWOOOSS	P37	CONNECTOR	H-62CJD00124		6203000124
240	150		PGSSS1KY		STZANDODSS	P38	CONNECTOR	M-62CJD00125		6203000125
1, 003	LEB		PGSSS1KY		STZAWOODSS	120 02	PCB	M-6PCJD001648		6903000164
604	10010		HZ9A2RE		51XAE00592	104	PULSENOTOR	RES20-50-200-B		58PAF00004
500	30010		152076RE		STXAE00588	1.8	RESISTOR FX0	ER0-25UJ223T	22K OHM 1/4W	SRBAAD1545
940	DIODE		152076RE		STXAEDOS88	8.2	RESISTOR FXD	ER0-25UJ562T	1/4W 5.6K OHM	5R6AA01597
240	DIODE		152076RE		STXAEDOS88	R.3	RESISTOR FXD	ER0-25UJ123T	1/4W 12K OHM	5R0AA01592
840 01	DIODE		1\$2076RE		STXAE00588	3.0 8.5	RESISTOR FXD	ER0-25UJ103T	10K OHM 1/4W	5R0AA01547
640	30010		152076RE		STXAE00588	8.6	RESISTOR FXD	ER0-25UJ105T	1/4W 1M OHM	SRDAA01616
0140	30010		132076RE		STXAEGOS88	8.7	RESISTOR FXD	ERB-25UJ472T	4.7K OHM 1/4W	SRDAAD1549
1140	DIODE		182076RE		STXAEDDS88	60	RESISTOR FXD	ERB-25UJ472T	4.7K OHM 1/4W	SRDAAD1549
CD12	30010		1\$2076RE		STXAE00588	8.9		ERD-25UJ472T	4.7K OHM 1/4W	SRBAAD1549
11, CD13	DIODE		132076RE		STXAE00588	33,810	RESISTOR FXD	ER0-25UJ103T	10K OHM 1/4W	SROAA01547

\$\frac{1}{2}\frac{1}\frac{1}{2}\f

# \$32AW00033 \$33AW00035 \$33AW00036 \$27Ab00014 62CJB00127 CODE DESCRIPTION PARTS LIST N-62CJ000127 AR568-BLK AP-320

P310-BLK FF60NR-1A

CONNECTOR

										1		
		-A	V-UHF CONV	CHE-85	SHEET NO.		ľ	0-0	V-UHF CONV TITLE	CHE-85	88	SHEET NO.
PARTS N	NO PART	PARTS NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NAME	TYPE	90	DESCRIPTION	CODE
5	CAP, FXD	CER	DD104B102KS0	50V 1000PF	SCBAB00302	636	CAP. FXB	CER	001048102K50	200	1000PF	SCBAB00302
23	CAP, FXD	CER	\$51048102K50	50v 1000PF	SCBAB00302	637	CAP, FXD	CER	001048102K50	200	30V 1000PF	SCBAB00302
63	CAP, FXD	CER	DD1048102K50	50v 1000PF	SCBAB00302	0.38	CAP, FXB	CER	001048102K50	200	50V 1000PF	SCBAB00302
90	CAP, FXD	CER	DD1048102K50	50V 1000PF	SCBAB00302	030	CAP, FXD	8 20 0	001048102K50	207	10001 VOI	SCBAB00302
\$0.8	CAP, FXD	CER	DD1048102K50	50V 1000PF	\$CBA800302	090	CAP, FXD	CER	DD1048102K50	204	1000PF	SCBAB00302
90	CAP, FXD	2 20	DD1048102K50	50v 1000pr	SCBAB00302	143	CAP.FXD	CER	0010581101350	80v	100PF	SCAAAO1101
6.7	CAP, FXD	2 20	DD1048102K50	50v 1000PF	SCBAB00302	242	CAP, FXD	830	001048102K50	200	140001 VO	SCBAB00302
80	CAP, FXD	CER	001048102×50	50V 1000PF	SCBAB00302	573	CAP, FXD	CER	001048102K50	200	140001 A	SCBAB00302
63	CAP, FXD	CER	051048102K50	50V 1000PF	\$CBAB00302	593	CAP, FXD	CER	00104CH220JS0	200	50V 22PF	SCAAAOOBSO
010	CAP, FXD	CER	001048102K50	50V 1000PF	\$C8A800302	570	CAP, FXD	CER	001040102x50	200	50V 1000PF	ScaAB00302
110	CAP, FXD	2 20	001048102×50	50V 1000PF	SCBAB00302	546	CAP, FXD	CER	001048102K50	800	100 1000PF	SCBAB00302
515	CAP, FXD	CER	051048102K50	50v 1000PF	SCBAB00302	C47	CAP, FXD	ELCTLT	ECE-A1ES100	25V1	25v10ur	SCEAAD1348
613	CAP, FX0	CER	001048102K50	50V 1000PF	SCBAB00302	640	CAP, FXD	CER	DD1048102KS0	80A	140001 A01	SCBAB00302
614	CAP, FX0	CER	001048102K50	50V 1000PF	SCBAB00302	640	CAP, FXD	200	DD1053L101J50	207	100 100PF	SCARAD1101
513	CAP, FX0	CER	001048LORSC50		SCAAA02174	050	CAP, FXD	CER	001048102KS0	200	50V 1000PF	SCBAB00302
610	CAP, FX0	830	00105CH330JS0	50V 33PF	SCAAADD852	192	CAB. FYO	0.00	DB1068102K50	200	100001	SCBAB00302
517	CAP, FXB	CER	00104CK010CS0	50V 1PF	SCAAA00841	583	CAP. FX0	885	001040102×50	200	100001	SCBAB00302
613	CAP, FXB	CER	0010731221150	50V 220PF	SCAAA01105	653	CAP, FXB	883	001048102×50	200	100001	SCBAB00302
619	CAP, FXB	CER	DD107CH101JS0	50V 100PF	SCAAADD858	654	CAP, FXD	CER	001048102×50	200	10001	SCBAB00302
10050	CAP, FXD	CER	DD104CK010CS0	50v 1PF	SCAAA00841	20 02	CAP, FXD	CER	001048102K50	204	10001	SCBAB00302
621	CAP, FXD	CER	DD1075L331JS0	50V 330PF	SCAAAD11D6	0.56	CAP, FXD	CER	DD1048102K50	50V	50V 1000PF	SCBAB00302
555	CAP, PXD	CER	DD1043L0R5C50		SCAAA02174	557	CAP, FXD	CER	DD1048102K50	80A	30V 1000PF	SCBAB00302
623	CAP, FXD	CER	DD104CK010C50	50V 1PF	SCAAA00841	C58	CAP, FXD	CER	001048102K50	200	50v 1000PF	SCBAB00302
423	CAP, FXD	CER	DD105CH330JS0	50V 33PF	SCAAA00852	680	CAP, FXD	CER	001048102K50	200	30v 1000P#	SCBAB00302
12 625	CAP, FXB	CER	DD105CH330JS0	50V 33PF	SCAAAOO852	090 42	CAP, FXD	CER	DD1048102K50	200	50v 1000PF	SCBAB00302
629	CAP, FXD	CER	DD1075L331J50	50V 330PF	SCAAA01106	190	CAP, FXO	CER	00104CH220J50	800	50V 22PF	SCAAADOBSO
527	CAP, FXD	CER	D01048L0R5C50		SCAAA02174	595	CAP, FXD	ELCTLT	ECE-A1ES100	250	Sylour	SCEAA01348
628	CAP, FXD	CER	DD104CK010C50	50v 1PF	SCAAA00841	593	CAP, FX0	CER	001048102×50	200	50V 1000PF	SCBAB00302
623	CAP, FXD	CER	DD105CH330J50	50V 33PF	SCAAA00852	564	CAP, FXD	CER	001048102×50	200	100 1000PF	\$CBAB00302
30030	CAP, FXD	CER	DB105CH330J50	50V 33PF	SCAAAOO852	3000	CAP, FXD	CER	001058L101J50	200	14001 101	SCAAA01101
031	CAP, FXD	CER	DD1078L331J50	50V 330PF	SCAAA01106	566	CAP, FXB	CER	001048102KS0	500	50V 1000PF	SC8A800302
632	CAP, FXD	CER	001048102K50	50V 1000PF	SCBAB00302	293	CAP, FXB	CER	00105SL101JS0	200	50V 100PF	SCAAAO1101
C33	CAP, FXD	CER	DD104B102K50	50V 1000PF	SCBAB00302	693	CAP, FXB	CER	001040102K50	200	50V 1000PF	SCBAB00302

PARTS LIST

PARTS LIST

SCBAB00302 SCBAB00302 5CBAB00302

50V 1000PF 50V 1000PF 50V 1000PF

001048102×50 001040102x50 001048102K50 CER CE 20 CAP, FXB CAP, FXB

690

SCBAB00302 SCEAA01348

50V 1000PF 25V10UF

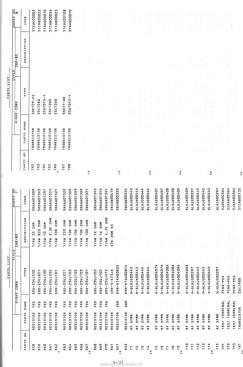
DD1048102x50 ECE-A1ES100

CAP. FXD ELCTLT 880 CAP, FXD CAP, FXD

		1	PARTS LIST					PARTS LIST		20000000
		V-URF CONV	-	TITLE CHE-85	SHEET NO.		0-A	V-UHF COMV TITLE	28-3E2	SHEET HO.
PARTS NO	PARTS NAME	_	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS HAME	TYPE	DESCRIPTION	cops
143	91010	MI301		13.	51XAR00004	0036	PIODE	15207657		STXAEGOSSS
593	91000	MI301			STXARODOD4	C037	30014	15207657		STXAE00355
603	94014	15585			STXAE00085	C038	DIODE	18207637		STXAEOD355
793	01005	15585			STXAE00085	C039	30010	18885		SIXAEOOOBS
\$40.	34010	18885			STXAE00085	0700	10010	15585		STXAE00085
900	30010	15585			STXAE00085	5951	3010	HZ5C1	SV 0.5W	STXAE00130
200	DIODE	15585			STXAE00085	5945	91000	ND487C1-3R		STXAA00334
800	91010	18885			STXAEDOD85	CP43	DIODE	N1301		51XAR00004
600	DIODE	15585			STXAEOODSS	CV1	CAPACITOR VAR	TZ052070FR		SCVAA00165
0100	30010	18885			STXAE00085	cv2	CAPACITOR VAR	T2032070FR		SCVAA00165
C011	DIODE	18885			STXAEOOOBS	CV3	CAPACITOR VAR	12032070FR		SCVAADD165
5100	BIODE	18885			STXAEODORS	50.0	CAPACITOR VAR	TZ032070FR		SCVAADD165
C013	PIODE	M1301			STXAR00004	CVS	CAPACITOR VAR	TZ03Z070FR		SCVAADD165
5140	DIODE	M1301			STXAR00004	cv6	CAPACITOR VAR	TZ032070FR		SCVAADD165
1,0015	DIODE	13497			STXAE00415	1,5 CV7	CAPACITOR VAR	12032070FR		SCVAADD165
6140	BIODE	13797			STXAE00415	CVB	CAPACITOR VAR	T2032070FR		SCVAA00165
C017	30010	13797			STXAE00415	640	CAPACITOR VAR	T2032070FR		SCVAA00165
6018	DIODE	13797			STXAE00415	CV10	CAPACITOR VAR	T2032070FR		SCVAA00165
6143	DIODE	13797			STXAE00415	CV11	CAPACITOR VAR	T2032070FR		SCVAA00165
02430	DIODE	18797			STXAE00415	20°CV12	CAPACITOR VAR	12032070FR		SCVAA00165
1243	10010	13197			STXAE00415	171	PILTER	7HW T0252MX-1858A		SLGAEDODIS
5293	DIODE	13197			STXAE00415	11.2	FILTER	DS310-558222M	100V 0.0022UF	SNXAA00002
CD23	34014	15197			STXAE00415	11.3	FILTER	DS310-558222M	100V 0.0022UF	SNXAA00002
6024	DIODE	13797			STXAE00415	11.4	FILTER	nvs04		SNBAGODODS
11, CD25	DIODE	18897			STXAE00415	11, 11.5	FILTER	LP174A1		SNLAT00020
6203	10010	13797			STXAE00415	101	10	H074LS145P		S05AF00704
C027	DIODE	FC66M-010	01		STXAB00035	-57	CONNECTOR	TMP-J01X-V2		SJWCL00048
C028	DIODE	FC66M-010	0		51XAB00035	25	CONNECTOR	TMP-J01X-V2		SJWCL00048
6203	DIODE	FC66M-010	0.		STXA800035	147	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
3.0 0030	DIODE	FC66M-010	0		STXABDODSS	30 202	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
C031	DIODE	FC66M-010	0.		STXAB00035	3.93	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
C032	DIODE	FC66M-010	0.		STXAB00035	384	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
C033	DIODE	FC66M-010	01		STXAB00035	345	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
0034	PIODE	FC66M-010	01		STXABODO35	946	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001
35, C035	PIODE	18207687	Jan 1 1 1 1 1		STXAE00355	145,187	TIN COATED WIRE TA-0.6P	TA-0.6P		2717100001

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100000000000000000000000000000000000000	2010/01				ALCOHOLD STA				PARTS LIST	1	
	2000	N-N	V-URF CONV TITLE	E CHE-85	SHEET NO.		1	V-UH	V-UHF CONV TITLE	CHE-85	SHEET NO.
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS HAME	88	TYPE	DESCRIPTION	3000
845	TIN COATE	D WIRE	IIN COATED WIRE TA-0.6P		2717100001	R23 RES	RESISTOR FI	FXD	ERD-25UJ104	1/4W 100K OHM	SRDAA01393
996	TIN COATE	D WIRE	TIN COATED WIRE TA-0.6P		2717100001	R24 RES	RESISTOR F	0X.	ERD-25UJ104	174W 100K OHM	5R0AA01393
3910	TIN COATE	D WIRE	TIN COATED WIRE TA-D. 6P		2717100001	R25 RES	RESISTOR F	0X.	ERD-25UJ104	174W 100K OHM	SROAAD1393
K1	RELAY		65Y-154P 9V		SKLAF00354	R26 RES	RESISTOR F	ex.	ERD-25UJ104	1/4W 100K OHM	SRBAAD1393
, K2	RELAY		65Y-154P 9V		SKLAF00354	R27 RES	ESISTOR F	ex.	ERD-25UJ104	1/4W 100K OHM	SREAAD1393
KC1	CARLE		H-62CJD00128		62CJD00128	R28 RES	RESISTOR	ax.	ERB-25UJ104	174W 100K OHM	SRDAAD1393
KC2	CASLE		H-62CJD00128		62CJD00128	R29 RES	ESISTOR F	0 X	ERD-25UJ104	1/4W 100K OHM	SRDAA01393
57	COLL				622AB00009	830 883	ESISTOR F	0 X J	ERB-25UJ104	1/4W 100K OHM	SRDAA01393
77	COIL				622AB00009	R31 RES	FESISTOR F	6 X D	ERD-25UJ104	1/4W 100K OHM	SRDAAD1393
57.1	TIOO				622AB00009	RS2 RES	RESISTOR F	FXO	ERD-25UJ104	1/4W 100K OHM	SRDAA01393
P33	CONNECTOR		EC1C-22P-2.505A	22.6	\$JWB\$00070	R33 RES	RESISTOR	e ×	ERD-25UJ102	1/4W 1K OHM	SROAA01345
P34	CONNECTOR	~	EC1C-22P-2.505A	22P	5JWB500070	R34 RES	RESISTOR	ex.	ERD-25UJ102	1/4W 1K OHM	SRDAA01345
PC1	всв		H-6PCJ0001668		6PCJ000166	R35 RES	RESISTOR	exa	ERD-25UJS61	1/4W 560 OHM	SRBAA01339
1.8	RESISTOR	FXD	ERD-25UJ101	1/4W 100 OHM	SRBAA01321		RESISTOR	EXP	ERD-25UJ103	1/4W 1DK 0HM	SRBAAD1369
1.5 8.2	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	SRBAA01369	R37 RES	ESISTOR F	FXD	ERB-25UJ101	1/4W 100 OHM	SRDAA01321
8.8	RESISTOR	FXD	ERD-25UJ680	1/4W 68 OHM	SRBAAD1317		RESISTOR	EXP	ERD-25UJ103	1/4M 10K 0HM	SRDAAD1369
2.4	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	SRBAA01329	R39 RES	RESISTOR F	FXD	ERD-25UJ680	1/4W 68 OHM	5RDAA01317
RS	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	SRDAA01329	R40 RES	FESTSTOR F	Q.X	ERD-25UJ224	1/4W 22DK 0HM	SROAAD1401
9 8	RESISTOR	FXO	ER0-25UJ221	1/4W 220 OHM	SRDAA01329	R41 RES	RESISTOR F	FXD	ERD-25UJ102	1/4W 1K OHM	SRDAA01345
20 87	RESISTOR	FX0	ERD-25UJ221	1/4W 220 OHM	SRDAA01329	10 R42 RES	RESISTOR F	øx.	ERD-25UJ103	174W 10K OHM	SRDAA01369
60	RESISTOR	FXD	ERD-25UJ221	1/4W 220 OHM	SRDAA01329	R43 RES	RESISTOR F	exa	ER0-25UJ103	1/4W 10K OHM	SRDAA01369
9.8	RESISTOR	FXO	ERD-250J221	1/4W 220 OHM	SRDAA01329	R44 RES	RESISTOR F	ex.	ER0-25U1221	1/4W 22D OHM	SR5AA01329
810	RESISTOR	FXO	ERD-25UJ221	1/4W 220 OHM	SRDAA01329	R45 RES	RESISTOR	ex.	ER0-25UJ101	1/4W 100 OHM	SRDAA01321
1118	RESISTOR	FX0	ER0-25UJ221	1/4W 22D OHM	SRDAA01329	R46 RES	RESISTOR	ex.	ER0-25UJ221	1/4W 220 OHM	SRDAA01329
118 112	RESISTOR	FX0	ERD-25UJ221	1/4W 22D OHM	SRDAA01329	R47 RES	RESISTOR	d X	ER6-25UJ102	1/4W 1K OHM	SRDAAD1345
813	RESISTOR	FXB	ERD-25UJ221	1/4W 220 0HM	SRDAA01329	848	RESISTOR	g x a	ERD-25UJ224	1/4W 220K OHM	SRDAA01401
814	RESISTOR	FX0	ERB-25UJ104	1/4W 100K 0HM	5RDAA01393	R49 RES	RESISTOR	d×.	ERD-25UJ103	1/4W 10K 0HM	SRBAAD1369
815	RESISTOR	FXB	ERD-2503104	1/4W 100K OHM	SRDAA01393	RSO RES	ESISTOR F	ex.	ERB-25UJ103	174W 10K OHM	SRDAAD1369
816	RESISTOR	e×.	ERD-2503104	1/4W 100K ONM	SRDAA01393	RS1 RES	RESISTOR	ex.	ER0-25UJ102	1/4W 1K OHM	SRDAA01345
10 R17	RESISTOR	FX0	ERD-25UJ104	1/4W 100K OHM	SRDAA01393	30 RES	RESISTOR	g X	ER0-25UJ224	1/4W 220K 0HM	SRDAA01401
818	RESISTOR	FXG	ERD-25UJ104	1/4W 100K OHM	SRDAAD1393	R53 RES	RESISTOR	QX.	ERB-25UJ102	174W 1K OHM	SRDAA01345
R19	RESISTOR	FX0	ERD-25UJ104	1/4W 10DK 0HM	SRDAA01393	R54 RES	RESISTOR	e x	ERD-25UJ102	1/4W 1K OHM	SRDAA01345
820	RESISTOR	FXO	ERB-25UJ104	1/4W 100K OHM	SRDAA01393	RSS RES	RESISTOR F	FXD	ERB-25UJ224	1/4W 220K OHM	SRBAA01401
121	RESISTOR	ex.	ERD-25UJ104	174W 100K 0HM	SRDAA01393	R56 RES	RESISTOR F	FXD	ER0-25UJ221	1/4W 220 OHM	SRBAA01329
3,8 82	RESISTOR	FXO	ER0-250J104	1/4W 100K OHM	SRDAA01393	3. R57 RES	RESISTOR F	FXD	ERD-25UJ102	174W 1K OHM	SRDAAD1345
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	1 1111	V. V.	V.VHF LOCAL	CGA-118	SHEET NO.		ľ	0.0	V.VRF LOCAL	254-118	SHEET NO.
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	2000
14	MIXER		M8-8P		SEZAT00006	635	CAP, FXB	CER	C3216SL1H102J-E-TP	1000P	SCAA500782
63	CAP, FXD	CER	C3216CH1H020C-E-TP	2.6	SCAAB00798	036	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782
62	CAP, FXD	CER	C3216CH1H020C-E-TP	2 b	SCAAB00798	C37	CAP, FXD	8	C32165L1H102J-E-TP	10001	SCAABOO782
63	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAAB00782	0.38	CAP, FXD	880	C32165L1H102J-E-TP	10001	SCAABOO782
4.0	CAP, FXD	CER	C3216SL1H1D2J-E-TP	10001	SCAAB00782	623	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAB00782
65	CAP, FX0	CER	C32168L1H102J-E-TP	1000P	SCAABO0782	070	CAP. FXO	880	C3216B1H1D3K-E-TP	0.010F	SCAAD00789
93	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAABOO782	140	CAP. FX0	CER	C32165L1H102J-E-TP	10001	SCAAD00782
67	CAP, FX0	CER	C3216CH1H020C-E-TP	2.6	SCAABD0798	542	CAP, FXD	8 8 0	C32163L1H102J-E-TP	10001	SCAA000782
80	CAP, FXD	CER	C3216CH1H020C-E-TP	2.6	SCAABD0798	543	CAP, FX9	880	C3216CH1H100D-E-TP	1001	SCAABOO785
620	CAP, FXB	CER	C32165L1H102J-E-TP	10001	SCAADD0782	7770	CAP, FXD	CER	C3216CH1H030C-E-TP	397	SCAAB00796
610	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAB00782	543	CAP, FXB	CER	C3216CH1H1000-E-TP	1000	SCAABOO785
611	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAb00782	646	CAP, FXB	CER	C3216CH1H0700-E-TP		SCAADOO977
213	CAP, FXD	0 m	C32165L1H102J-E-TP	10001	SCAA600782	243	CAP, FXD	CER	C3216CH1H0700-E-TP		SCAABOO977
513	CAP, FXD	CIE	C3216CH1H020C-E-TP	3.6	SCAAB00798	645	CAP, FXD	TANTAL	20212502 475M4	4.7UF 25V	SCSAC00344
\$100	CAP, FXD	E	C3216CH1H020C-E-TP	42	SCAAD00798	690	CAP, FXD	CER	C3216F1H104Z-E-TP	0.107	SCAAD01056
615	CAP, FXD	8 U	C32165L1H102J-E-TP	10001	SCAAB00782	050	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
616	CAP, FXD	S 20	C32165L1H102J-E-TP	10001	SCAABD0782	153	CAP, FXD	ELCTLT	ECE-A1ES100	25V10UF	SCEAA01348
212	CAP, FXD	CER	C32165L1M102J-E-TP	10001	SCAAB00782	555	CAP, FXD	CER	C3216F1H104Z-E-TP	0.10F	SCAAB01056
619	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAA500782	653	CAP, FX0	CER	C3216CH1H101J-E-TP	10001	SCAAB00780
610	CAP, FX0	CER	C3216CH1H0700-E-TP		SCAA500977	160 62	CAP, FXB	CER	C3216SL1H102J-E-TP	10001	SCAAD00782
020	CAP, FXD	200	C3216CH1H010C-E-TP	197	SCAABOO795	653	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782
123	CAP, FXS	CER	C32165L1H102J-E-TP	10001	SCAA500782	656	CAP, FXB	CER	C3216SL1H102J-E-TP	10001	SCAAD00782
525	CAP, FXB	CER	C32165L1H102J-E-TP	10001	SCAAB00782	557	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAADOO782
623	CAP, FXB	CER	C32168L1H102J-E-TP	1000P	SCAABOO782	C58	CAP, FXD	S 20	C32168L1H102J-E-TP	10001	SCAAB00782
, c24	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAADOO782	652	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOO782
625	CAP, FXD	CER	C3216CH1H020C-E-TP	2 P	SCAAD00798	093	CAP, FXD	88	C321681H103K-E-TP	0.010F	SCAAB00789
626	CAP, FXB	CER	C3216CH1H101J-E-TP	10001	SCAAB00780	193	CAP, FXD	S S	C3216SL1H102J-E-TP	10001	SCAADOO782
c27	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOD782	292	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAADOO782
628	CAP, FXD ELCTLT	ELCTLT		25v10ur	SCEAA01348	593	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAADOO782
623	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAADOD782	3000	CAP, FXD	CER	C3216SL1H102J-E-TP	10001	SCAADOO782
630	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782	593	CAP, FXD	CER	C3216CH1H020C-E-TP	2 P	SCAADOO798
c31	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782	993	CAP, FXD	CER	C3216CH1HDRSC-E-TP		SCAAB00976
c32	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABOD782	293	CAP, FXD	C m S	C3216CH1H010C-E-TP	101	SCAABOO795
633	CAP, FXB	CER	C32165L1H102J-E-TP	10001	SCAAB00782	693	CAP, FXD	CER	C3216CH1H0R5C-E-TP		SCAAB00976
634	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782	693	CAP, FXB	CER	C3216CH1H020C-E-TP	2.5	SCAAD00798

	ľ		37414 JANES - STATE OF	200	SHEET HO.		-	80.0	U UNF LOCAL	268-118	4
		:	WAY LOCAL	C04-110	2						-
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	2000	PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE
020	CAP.FX0	880	C32168L1H102J-F-TP	10000	SCARBODZRZ	0105	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782
674	CAP. FXD	840	C121661 1H102.1-F-TP	1000	SCAADOO782	0100	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789
623	CAP. FXO		C121661 181021-E-TP	10001	SC44000782	C107	CAP, FXB	CER	C3216B1H103K-E-TP	0.010F	SCAAB00789
22.5	CAD CYN	010	C421451 141021=E=TB	10008	SCAADOO782	C108	CAP, FXD	CER	C3216B1H1D3K-E-TP	0.010	SCAADOO789
674	CAP, FXB	8 8	C32168L1H102J-E-TP	10001	SCAAB00782	c109	CAP, FXD	CER	C321681H1D3K-E-TP	0.010F	SCAABBB789
675	CAP, FXD	CER	C3216CH1H0705-E-TP		SCAAB00977	0110	CAP, FX0	CER	C32163L1H102J-E-TP	10001	SCARBOOK
676	CAP, FXD	CER	C3216CH1H020C-E-TP	2.6	SCAA500798	1110	CAP, FXD 8	ELCTLT	ECE-A1E\$100	25v10ur	SCEAAD1548
223	CAP, FXD	CER	C3216CH1H0700-E-TP		SCAAB00977	C112	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAABOO789
678	CAP, FXB	CER	C3216CH1HD2OC-E-TP	42	SCAADOO798	0113	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAADOO789
623	CAP, FXB	CER	C3216CH1H070b-E-TP		SCAABOO977	\$11201	CAP, FXD	CER	C321681H103K-E-TP	0.010	SCAAB00789
080	CAP.FXB	8 11 2	CX216811H102J-F-TP	1000	SCAABOOTRO	6115	CAP, FX0	CER	C321681H103K-E-TP	0.010F	SCAABOO789
183	CAP, FXB	CER	C32168L1H102J-E-TP	10001	SCAAB00782	6116	CAP, FXB	CER	C321681H103K-E-TP	0.010F	SCAAD00789
682	CAP. FXD	880	C3216SL1H102J-E-TP	1000P	SCAAD00782	5117	CAP, FXB	CER	C3216F1H1042-E-TP	0.107	SCAAD01056
C83	CAP.FXD	CER	C3216CH1H120J-E-TP	126	SCAAD00784	6118	CAP, FXB	CER	C3216SL1H102J-E-TP	10001	SCAADOO782
, c84	CAP, FXD	S S S	C3216CH1H030C-E-TP	39.5	SCAAD00796	6110	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAADOO782
685	CAP. FYD	880	C421ACH141201-E-TB	138	SCAADOO784	C120	CAP, FXD	880	C32163L1H102J-E-TP	10001	SCAAD00782
686	CAP.FXD	880	C3216CH1H030C-E-TP	395	\$CAADDD796	C121	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782
183	CAP, FXD	8	C3216CH1H120J-E-TP	12P	SCAAD00784	C122	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAB00782
683	CAP, FXD	880	C32165L1H102J-E-TP	10001	SCAABOD782	C123	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAAD00782
680	CAP, FXD	CER	C321681H103K-E-TP	0.010F	SCAAB00789	52124	CAP, FXB	CER	C32165L1H102J-E-TP	10001	SCAADOO782
060	CAP.FXD	CER	C3216CH1H820J-E-TP	829	SCAABODOSO	6125	CAP, FXD	S S S	C3216SL1H102J-E-TP	10001	SCAABOO782
163	CAP.FX0	880	C3216CH1H820J-F-TP	829	SCAABODOSO	c126	CAP, FXD	CER	C32163L1H102J-E-TP	10001	SCAAD00782
263	CAP, FX0	880	C3216CH1H330J-E-TP	93.0	SCAAB00794	C127	CAP, FX0	CER	C32165L1H102J-E-TP	10001	SCAAD00782
693	CAP, FXO	CER	C3216CH1H121J-E-TP	120PF	SCAAB00931	C128	CAP, FXD	CER	C32165L1H102J-E-TP	1000P	SCAABOO782
763	CAP, FXD	CER	C3216CH1H1000-E-TP	10PF	SCAAB00785	11, C129	CAP, FXD	CER	C3216CH1HOR5C-E-TP		SCAAB00976
563	CAP, FXO	0 20	C32165L1H102J-E-TP	10001	SCAAD00782	C131	CAP, FXD	CER	C3216CH1HDR5C-E-TP		SCAABBB976
963	CAP, FXO	880	C3216CH1H1D1J-E-TP	100PF	SCAAB00780	C132	CAP, FXD	CER	C3216CH1H101J-E-TP	100PF	SCAADDO78D
263	CAP, FX0	880	C3216CH1H101J-E-TP	10001	SCAAB00780	C133	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAADOO780
863	CAP, FXO	CER	C3216SL1H102J-E-TP	10001	SCAAD00782	C134	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAABB0782
660	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAAB00780	30,0135	CAP, FXD	8	C3216CH1H030C-E-TP	39.5	SCAAD00796
0010	CAP, FX0	CER	C32165L1H102J-E-TP	10001	SCAABOO782	0136	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAA600780
1013	CAP, FX0	CER	C3216CH1H101J-E-TP	10001	SCAADOO780	C137	CAP, FXD	CER	C32165L1H102J-E-TP	10001	SCAADOO782
5010	CAP, FXD	CER	C32168L1H102J-E-TP	1000P	SCAAD00782	c138	CAP, FXB ELCTLT	ELCTLT		25V 100UF	SCEAAD1839
C103	CAP, FXB	CER	C32168L1H102J-E-TP	1000P	SCAAB00782	0139	CAP, FXD	CER	C3216CH1H101J-E-TP	10001	SCAABOO780
c104	CAP, FXB ELCTLT	ELCTLT	ECE-A1ES100	25V10UF	SCEAA01348	140,41	DIODE		15468		S1XAE00170

		V.VR	V.VAF LOCAL	C6A-118	SHEET NO.		Α.	V.VHF LOCAL TITLE	C6A-118	SHEET NO.
PARTS NO	PARTS NAME		TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	TYPE	DESCRIPTION	CODE
203	BIODE	-	8468		STXAE00170	11.3	FILTER	NASD4		SNBAGDODO
400	BIODE	-	S\$226 TE85L		STXA000320	274	FILTER	89781		SHBAGDODIS
500	prope		182208(8)		STXAADDS49	573	FILTER	LP163A1		SHLATOODIS
900	BIODE		182208(8)		STXAADDS49	11.6	FILTER	MP5803		SNHADDODO
800	DIODE		155226 TE85L		STXAB00320	272	FILTER	18348		SNBAGDDD11
600	20010	-	182208(8)		STXAAOOS49	11.8	FILTER	DS310-558222M	100v 0.0022ur	SNXAADODD2
0100	30010	-	182208(8)		STXAAGOS49	674	FILTER	D3310-558222M	100v 0.0022uF	SHXAADDDD2
5143	30010	_	185226 TE85L		STXAB00320	101	10	HD7418145P		SPDAFOOTO
CD13	90010		152208(8)		STXAA00549	102	IC	WC4044P		5000002
0,0015	30010		135226 TE85L		STXAD00320	i. ICS	IC	TC74HC161P		SPDAE00430
6016	20010		188226 TE85L		STXA600320	104	10	TC74HC161P		SODARDO430
5100	30010	-	155226 TE85L		STXA600320	165	10	H010551P		SODAFODOSS
6018	34014		188226 TE85L		STXAB00320	106	10	UPBS82C		SpbAcooso4
6103	DIODE		155226 TE85L		STXAB00320	107	IC	UPC16510		SOAAAGG171
0200	DIODE		188226 TE85L		STXAB00320	1,108	10	UPC1651G		SBAAABBITT
C021	BIODE		155226 TEB5L		STXAB00320	109	31	UPC16516		SOAAADD171
5240	PIODE		155226 TE85L		STXAD00320	1010	10	UPC1651G		SPARADOITI
C023	DIODE		155226 TEB5L		STXAD00320	1121	ıc	UPC1651G		SDAAADD171
7240	DIODE		155226 TE85L		STXAD00320	5	COIL	N-6LAJD00253		6LAJD00253
10 CD25	DIODE		188226 TE85L		STXAD00320	11,12	TIOS	LALOSVBIROM	108	SLCAA00282
6526	DIODE		155226 TE85L		STXAB00320	13	COIL	LALOSVBIRON	108	\$LCAA00282
5527	DIODE		155181 TE85L		STXAD00356	17	COIL	N-6LAJD00254		6LAJD00254
6528	30010		188226 TEBSL		STXAB00320	1.5	COIL	LALOSVBR33M	O.33UH	SLCAAD0274
6293	20010		188226 TE85L		S1XAB00320	97	COIL	LALOSVBR33M	0.33ин	SLCAA00274
11, 0030	10010		155226 TE85L		STXAD00320	13 17	COIL	H-6LAJ000255		6LAJD00255
Cb31	30010		135226 TE85L		STXAB00320	67	COIL	LALOSVBR22M	0.220н	St.CAAD028D
CD32	30010		155226 TE85L		STXA000320	67	COIL	LALDSVBR22M	0.22UM	SLCAA00280
CD 33	30010		155226 TE85L		STXAD00320	610	COIL	M-6LAJD00256		6LAJB00256
6034	30010		155226 TE85L		STXA000320		COIL	M-6LAJD00212		6LAJ000212
10 CD35	30010		135226 TE85L		STXA000320	10,112	COIL	H-6LAJD00212		6LAJ000212
0036	30010		188181 TE85L		STXA000356	113	TIN COATED WIRE TA-0.6P	E TA-0.6P		2717100001
C037	34014		155181 TE85L		STXAB00356	114	TIN COATED WIRE TA-0.6P	E TA-0.6P		2717100001
CV1	CAPACITOR VAR	AR	T2032050FR	1.5-5PF	SCVAA00169	115	COIL	LALO3VB471K	470UM	SLCAA00270
171	FILTER		HP5803		SNKAD00001		COIL	H-6LAJB00257		6LAJB00257
11.2	FILTER		0xx04		\$NBAG00006	417	7103	H-6LAJD00257		6LAJ000257

4-40 shortw

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PARTS NO	PARTS HAME	HAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NAME	TYPE	DRSCRIPTION	RODE
617	COIL		M-6LAJD00257		6LAJ500257	823	RESISTOR	FXD	ERJ-86CSJ101T	178W 100 OHM	5REAG00586
617	1100		H-6LAJ000258		6LAJD00258	R24	RESISTOR	PXO	ERJ-8605J101T	1/8W 100 0HM	5REAG00586
L20	COIL		H-6LAJD00258		6LAJD00258	R25	RESISTOR	FXD	ERJ-8GCSJ101T	1/8W 100 OHM	SREAG00586
121	COIL		H-6LAJD00258		6LAJD00258	R26	RESISTOR	FXD	ERJ-8605J101T	1/8W 100 OHM	SREAG00586
, L22	COIL		M-6LAJD00258		6LAJD00258	, R27	RESISTOR	FXD	ERJ-8605J101T	178W 100 OHM	5REAG00586
1.23	COIL		H-6LAJ000258		6LAJD00258	R28	RESISTOR	FXO	ERJ-86CSJ102T	1/8W 1K OHM	SREAG00572
124	COIL		H-6LAJD00258		6LAJD00258	829	RESISTOR	FXD	ERJ-860534711	1/8¥ 470 0HM	SREAGODS79
125	COIL		LALOSVBR33M	0.33ин	SLCAA00274	830	RESISTOR	FXD	ERJ-8GC\$J100T	1/8W 10 OHM	5REAG00617
1.26	COIL		H-6LAJD00212		6LAJD00212	R31	RESISTOR	FXD	ERJ-8605J151T	1/8W 150 OHM	5REAG00583
10 127	COIL		H-6LAJD00212		6LAJ000212	1.0 832	RESISTOR	FXD	ERJ-86CSJ100T	1/8w 10 OHM	SREAG00617
P25	CONNECTOR		EC1C-22P-2.50SA	229	5JWB500070	833	RESISTOR	7X0	ERJ-8605J103T	1/8W 10K 0HM	5REAGOD576
P26	CONNECTOR		EC1C-22P-2.50SA	22P	SJWBS00070	R34	RESISTOR	FXD	ERJ-86CSJ470T	1/8W 47 0HM	5REAG00580
104	PCB		H-6PCJ0001678		6PCJ000167	R35	RESISTOR	FXD	ERJ-86CSJ222T	1/8W 2.2K OHM	SREAG00575
1.8	RESISTOR	FXD	ERJ-86CSJ471T	1/8W 470 OHM	SREAGDDS79	836	RESISTOR	FXD	ERJ-8603J562T	1/8W 5.6K OHM	SREAG00625
1.5 R.2	RESISTOR	FXO	ERJ-86C5J473T	1/8W 47K OHM	SREAG00578	1.5 837	RESISTOR	FXD	ERJ-86CSJ474T	1/8W 470K OHM	SREAG00593
8.3	RESISTOR	FXD	ERJ-8605J101T	1/8W 100 OHM	SREAGDOSS6	R38	RESISTOR	FXD	ERJ-8GCSJ222T	1/8W 2.2K OHM	SREAGODS75
4.8	RESISTOR	FXO	ERJ-86CSJ471T	1/8W 470 OHM	SREA600579	R39	RESISTOR	FXD	ERJ-86CSJ1037	1/8W 10K OHM	5REAG00576
8.8	RESISTOR	e x o	ERJ-86CSJ473T	1/8W 47K OHM	SREAGODS78	840	RESISTOR	FXD	ERJ-86CSJ103T	1/8W 10K ONM	SREAG00576
80	RESISTOR	e x	ERJ-86CSJ101T	1/8w 100 OHM	SREAGOD586	841	RESISTOR	FXD	ERJ-86CSJ1037	1/8W 10K OHM	SREAG00576
20 R7	RESISTOR	ě	ERJ-8GCSJ471T	178W 470 OHM	SREAGODS 79	20 842	RESISTOR	FXD	ERJ-8GCSJ103T	178W 10K OHM	SREAG00576
80	RESISTOR	ex a	ERJ-80051473T	1/8W 47K OHM	SREAGODS78	R43	RESISTOR	FXO	ERJ-86CSJ103T	1/8W 10K ONM	SREAG00576
9.8	RESISTOR	ax a	ERJ-8GCSJ101T	1/8W 100 OHM	SREAGOD586	244	RESISTOR	FXD	ERJ-86CSJ330T	1/8W 33 OHM	5REAG00620
810	RESISTOR	FXB	ERJ-8GC5J471T	1/8W 470 OHM	SREAGODS79	845	RESISTOR	FXD	ERJ-8603J31T	1/8W 330 OHM	SREAGODS97
111	RESISTOR	FXD	ERJ-8GCSJ473T	1/8W 47K OHM	SREAGODS78	846	RESISTOR	FXD	ERJ-86CSJ100T	1/8W 10 OHM	5REAGOD617
812	RESISTOR	EX.	ERJ-8603J101T	1/8W 100 OHM	SREAG00586	2 8 K 7	RESISTOR	FXO	ERJ-8GCSJ151T	1/8W 150 OHM	SREAG00583
813	RESISTOR	gx.	ERJ-80053471T	1/8W 470 OHM	SREAG00579	8 4 8	RESISTOR	FXD	ERJ-86CSJ100T	1/8w 10 OHM	SREAGOD617
814	RESISTOR	g x a	ERJ-86053473T	1/8W 47K OHM	SREAG00578	849	RESISTOR	FXD	ERJ-86CSJ100T	1/8¥ 10 0HM	5REAG00617
815	RESISTOR	EXD	ERJ-8GC\$J101T	1/8W 100 OHM	SREAGODS86	R 5 0	RESISTOR	FXD	ERJ-86CSJ151T	1/8W 150 OHM	SREAGODSB3
816	RESISTOR	FXD	ERJ-8GCSJ473T	178W 47K OHM	SREAGOOS78	R51	RESISTOR	FXD	ERJ-8GCSJ100T	1/8W 10 OHM	SREAG00617
10 R17	RESISTOR	FXD	ERJ-86C\$J221T	1/8W 220 OHM	SREAG00594	10 852	RESISTOR	FXD	ERJ-86CSJ100T	1/8w 10 OHM	SREAG00617
818	RESISTOR	FXD	ERJ-86C\$J102T	1/8W 1K OHM	SREAGOOST2	853	RESISTOR	EX.	ERJ-86CSJ151T	1/8W 150 OHM	SREAGOOSBS
R19	RESISTOR	FXD	ERJ-8GCSJ101T	1/8W 100 ONM	SREAGOOSS6	R54	RESISTOR	e X	ERJ-86CSJ100T	1/8W 10 OHM	SREAG00617
R20	RESISTOR	FXD	ERJ-86CSJ101T	1/8W 100 OHM	SREAG00586	855	RESISTOR	ex X	ERJ-86CSJ471T	1/8W 470 OHM	SREAGODS79
R21	RESISTOR	FXD	ERJ-86CSJ101T	1/8w 100 OHM	SREAGOOSS6	256	RESISTOR	FXB	ERJ-8605J471T	1/8W 470 OHM	SREAGODS79
R22	RESISTOR	FXO	FRJ-8605J101T	1/8W 100 OHM	SREAG00586	857	RESISTOR	FX0	ERJ-8605J223T	1/8W 22K OHM	SPERSONSBI

SHEET NO.	CODE	SREAGOD495	SREAGOOS17	SREAGODS76	SJDAA00364	\$JDAA00364	SJOAAOO364	SJDAAGO364	SJDAADD364	SJDAA00364	\$JDAA00364	\$J0AA00364	5JBAA00364	STKAA00080	STKAA00080	STKAAGGGSG	STKAADDOBD	STKAA00080	STCAF00407	STCAF00407	STCAF00407	STAAG00182	STCAF00407	STAAG00229	STAAGOD229	STCAF00407										
E CGA-118	DESCRIPTION		1/8W 1DK OHM	1/8W 10K OHM																																
V.VHF LOCAL	TYPE	ERJ-86CSJ680	ERJ-8605J103	ERJ-8GCSJ103T	PCN6-PEA	23K192A-BL	25K192A-8L	23K192A-8L	25K192A-BL	25K192A-BL	2862714-0	2862714-0	2852714-0	25A1162-Y TE85L	2802714-0	25A817A-Y	25A817A-Y	2502714-0																		
V.V	O PARTS NAME	RESISTOR FXD	RESISTOR FXD	RESISTOR FXD	TEST TERMINAL	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR	TRANSISTOR																								
	PARTS NO	895	896	197	191	1 1 1 2	193	194	TPS	196	10101	1 P 3	199	181	182	1.5 T.R.3	T.R.4	TRS	186	187	10 TR8	189	1810	TR11	TR12	18 1813					3.0					*
SHRET NO.	cops	SREAG00594	SREAG00594	SREAG00573	SREA600572	SREA600617	SREAG00580	SREAG00617	SREAG00583	SREAG00617	SREAG00583	SREAGODS79	SREAG00572	SREAG00619	SREAG00580	SREAG00619	SREAG00586	5REAG00586	5REAG00586	5REAG00586	SREAGDDS86	SREAGDD586	SREAGDDS86	SREAGDOS72	SREAG00617	SREAG00583	SREAG00617	SREAG00586	5REAG00586	SREAGODS86	SREAG00576	SREAG00576	SREAG00576	SREAGOD576	SREAGODS73	SREAGODS71
£ c6A-118	DESCRIPTION	1/8W 220 OHM	1/8W 220 OHM	1/8W 4.7K OHM	1/8W 1K OHM	1/8W 10 OHM	1/8W 47 OHM	1/8W 10 OHM	1/8W 150 OHM	1/8W 10 OHM	1/8W 150 OHM	1/8W 470 OHM	1/8W 1K OHM	1/8W 22 0HM	1/8W 47 0HM	1/8W 22 0HM	1/8W 100 0HM	1/8W 100 0HM	1/8W 100 0HM	1/8W 100 0HM	1/8W 100 OHM	1/8W 100 OHM	1/8W 100 OHM	1/8W 1K OHM	1/8W 10 OHM	1/8W 150 OHM	1/8W 10 OHM	1/8W 100 0HM	1/8W 100 0HM	1/8W 100 OHM	1/8W 10K OHM	1/8W 10K OHM	1/8W 10K 0HM	1/8W 10K OHM	1/8W 4.7K OHM	1/8W 560 ORM
V.VHF LOCAL TITLE	TYPE	ERJ-8GCSJ221T	ERJ-86CSJ221T	ERJ-86CSJ472T	ERJ-86CSJ102T	ERJ-86CSJ100T	ERJ-8605J470T	ERJ-8605J100T	ERJ-8608J151T	ERJ-86CSJ100T	ERJ-86CSJ151T	ERJ-86CSJ471T	ERJ-86CSJ102T	ERJ-86CSJ220T	ERJ-80CSJ470T	ERJ-80CSJ220T	ERJ-8GCSJ101T	ERJ-8GCSJ101T	ERJ-86C5J101T	ERJ-8GC\$J101T	ERJ-8GCSJ101T	ERJ-8605J101T	ERJ-86C\$J101T	ERJ-8605J102T	ERJ-86CSJ100T	ERJ-80CSJ151T	ERJ-86CSJ100T	ERJ-80CSJ101T	ERJ-8GCSJ1011	ERJ-86CSJ101T	ERJ-8GCSJ103T	ERJ-8GCSJ103T	ERJ-86CSJ103T	ERJ-8GCSJ103T	ERJ-8GCSJ472T	ERJ-86CSJS61T
V.VR	AME	FX0	FXD	FXB	FXB	e X	FXB	FXD	1X0	e X	e x	ax.	dx.	EXP	d X	FXD	FXD	FXD	FXD	FXO	FXD	FXO	FXO	FXO	FXO	FXB	e ×	exa	e X							
10 014	PARTS NAME	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR	RESISTOR																		
	PARTS NO	858	958	860	R62	, R63	R64	R65	866	R67	1.0 R68	869	870	R71	R72	1.5 873	874	875	87.6	877	20 R78	879	R80	1881	R82	25 83	284	8.85	800	887	10 R89	890	891	892	868	R94

PARTS NO AC1		ACCE	ACCESSORIES TO TER	CHK-165-F	SHEET NO.
	PARTS	PARTS HAME	TYPE	DESCRIPTION	EGOD
	LEVER		MT0000776		MT0000776
AC2	LEVER		MT6000776		MT0000776
AC3	CASE		CMK-165		SZXAMODDOS
ACS	HANUAL		CMK-165		62XJD00022

		RIT	RITY DERG		CHR-530	SHEET NO.			RTTY	RITY DERG	CHH-530	SHEET NO.
ABTS NO		PARTS NAME	TYPE	**	DESCRIPTION	copg	PARTS NO	PARTS NAME	ME	TYPE	DESCRIPTION	cobg
-	CAP, FX0 TANTAL	TANTAL	202L3502 105M5471	35M5471	35V 1UF	SC\$AC00796	505	20010	1	18207687		STXAFODSSS
2:	CAP, FX0	CAP, FXO TANTAL	202L3502 105M5471	35H5471	35V 1UF	\$C\$AC00796	503	PIODE		18207687		STXAFODISS
	CAP, FXB TANTAL	TANTAL	202L3502 105M5471	DSH5471	35V 10F	SCSAC00796	400	PIODE		16207667		STVACODISS
,	CAP, FXB TANTAL	TANTAL	20213502 10	10585471	35V 1UF	SCSAC00796	500	DIODE		15207657		STXAFODISS
50	CAP, FXD	CAP, FXD TANTAL	202L2502 106M4	2 M 9 C	10UF 25V	SCSAC00324	9900	PIODE		15207657		STXAE00355
9	CAP, FXD TANTAL	TANTAL	202L3502 105M5471	0585471	35V 1UF	SCSAC00796	293	91001		18207487		STYBEODESS
	CAP, FXB TANTAL	TANTAL	20213502 10	10585471	35V 1UF	SCSAC00796	603	627		11.81024		517 8000020
60	CAP, FXB	CAP, FXB TANTAL	20213502 10	10585471	35V 1UF	SCSAC00796	600	1,00		11.81024		\$17 and00020
6.	CAP, FXD	SAP, FXD TANTAL	202L3502 105M5471	DSMS471	35V 1UF	SCSAC00796	140	PROTO COUPLER		P1501		\$170,00004
10	CAP, FXD		PLSTC 501N5002 103K1	D3K1	50v 0.010F	SCRACODODS	10 CP2	PHOTO COUPLES		P1501		\$12030004
111	CAP, FXD		PLSTC 501N5002 103K1	D3K1	50V 0.01UF	SCRACODOD9	101	10		TC74HC138P		500AE00440
112	CAP, FXD	CAP, FXD TANTAL	202L3502 474MS 471	74MS 471	35V 0.47UF	SCSAC00825	102	10		MSM82C51ARS		Spb A G 00 1 1 0
213	CAP, FXD	CAP, FXD TANTAL	202L3502 474MS 471	74MS 471	35V 0.47UF	SC\$AC00825	103	10		MSM82C55A-5RS		500 AGOO 102
14	CAP, FXD TANTAL	TANTAL	20212502 106M4	5W90	100F 25V	SC\$AC00324	104	10		TC9122P		500AE00281
15	CAP, FXD	CAP, FXD TANTAL	202L2502 106M4	2 M 9 D	10UF 25V	SC\$AC00324	1.6	10		TC74HC160P		SDDAEDD446
16	CAP, FXD		PLSTC 501N5002 224K1	24K1	50v 0.22ur	SCRAC00017	108	2		HD7406P		SPOAFORITE
117	CAP, FXO		PLSTC 501N5002 473K1	73K1	50v 0.047UF	SCRAC00013	109	30		H074LS05P		Sph AF 00291
18	CAP, FXO	PLSTC		03×1	50v 0.01ur	SCRAC00009	1010	10		NJM3403AD		SPAANOGORS
10	CAP, FX0	CAP, FX0 TANTAL	202L3502 105M5471	0585471	35v 10F	SC\$AC00796	1111	10		NJM3403AD		SPAANDOORS
50	CAP, FXB	CAP, FXB TANTAL	202L3502 105M5471	0585471	35v 10F	SCSAC00796	20101	10		NJM3403AD		SPAANOOOSS
121	CAP, FXD	CAP, FXD ELCTLT		0	25v10ur	SCEAAD1348	1013	10		NJM3403AD		SPAANDODAS
:55	CAP, FXD	CAP, FXD ELCTLT	ECE-A1ES100	0	25V10UF	SCEAA01348	1014	10		NJM3403AD		SPAANDODAS
:23	CAP, FXD	CAP, FXD ELCTLT	ECE-A1ES100	0	25V10UF	SCEAA01348	1015	10		NJM3403Ab		SPAANDOORS
524	CAP, FXD	CAP, FXB ELCTLT	ECE-A1ES100	0	25V10UF	SCEAA01348	1016	10		10406689		500AE00078
52:	CAP, FXD	AP, FXD ELCTLT	ECE-A1ES100	0	25v10UF	SCEAA01348	1121 21	10		TC40308P		500 A E 0 0 0 5 0
525	CAP, FXD	CER	D0106F103Z50	20	50V 10000PF	\$CBA800400	5	COIL		FL-5H101K	1000H	5LCAA00013
:27	CAP, FXD	CAP, FXD ELCTLT	ECE-A1ES100	0	25V10UF	SCEAA01348	75	COIL		FL-5H101K	10001	SLCAADDOIS
528	CAP, FXD		001061103250	20	4400001 AOS	SCBAB00400	P15	CONNECTOR		EC1C-22P-2.50SA	422	SJWBS00070
623	CAP, FXD	CER	DD106F103Z50	20	50v 10000PF	\$CBAB00400	P16	CONNECTOR		EC1C-22P-2.50SA	22.6	SJW8500070
020	CAP, FXD	CAP, FXD ELCTLT	ECE-A1ES100	0	25V10UF	SCEAA01348	10 00	854		H-6PCJD00169A		6PCJD00169
153	CAP, FXD		DD106F103Z50	20	50V 10000PF	\$CBAB00400	 	RESISTOR	e x	ERD-25UJ104	1/4W 100K 0HM	SRBAAD1393
532	CAP, FXD		001061103250	20	50v 10000PF	SCBABD0400	3.5	RESISTOR F	FXP	ERD-25UJ105	1/4W 1M OHM	SRBAAD1417
533	CAP, FXD		: 501N5002 103K1	0381	50v 0.01ur	SCRAC00009	200	RESISTOR P	ex.	ERD-25UJ103	1/4W 10K OHM	SRBAAD1369
25	CAP, FXD		PLSTC 501N5002 103K1	0381	50v 0.010F	SCRAC00009	28	RESISTOR F	rxo e	ERD-25UJ473	174W 47K OHM	SRDAAD1385
100	91006		18207637			STXAE00355	31,85	RESISTOR	0 X	ERD-25UJ101	174W 100 OHM	SRDAA01321

	ľ		TILL THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE P		SHEET NO.		-				ALC: NO.
		×	NII DENO	CMH-330	n			F	RITY DEMO	CMH-530	7
PARTS NO	PARTS NAME	NAME	TYPE	DESCRIPTION	CODE	PARTS NO	PARTS NAME	NA.	TAPE	DESCRIPTION	CODE
8.6	RESISTOR	FXD	ERD-25UJ473	1/4W 47K OHM	5R0AA01385	844	RESISTOR	ex.	ER0-25UJ103	174W 10K OHM	SPRAGOTAGO
R.7	RESISTOR	FXD	ERD-25UJ102	1/4W 1K OHM	SRDAA01345	845		ex.	ER0-25UJ472	1/6W 4.7W DHM	SPREEDITAL
80	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	5R0AA01369	846		ex	FR0-2511104	1/4W 100r ONE	5000000000
8.0	RESISTOR	FXD	ERD-25UJ103	1/4W 10K 0HM	5R0AA01369	847	RESISTOR	EXB	FB0-251110X	1/4w 10v oum	SPARADITED
, R10	RESISTOR	FXD	ER0-25UJ103	174W 10K OHM	SR0AA01369	874		e X	ERD-25UJ104	1/4w 100k OHM	5R0AA01393
114	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	SR0AA01369	674	DESTSTON	4 %	EBA-2511101	****	
812	RESISTOR	FXD	ER0-25UJ103	1/4W 10K 0HM	5R0AA01369	850		ex	880-25111672	1/44 £ 24 04M	500000000000000000000000000000000000000
213	RESISTOR	FXD	ERD-25UJ103	174W 10K 0HM	5R0AA01369				EB0-2511103	100 AUT 107 PAR	500000000000000000000000000000000000000
R14	RESISTOR	8 X B	ERD-25UJ333	1/4W 33K OHM	SR0AA01381	_		e X	FR0-25UJ104	1/6w 100k 0km	Separation
10 815	88515108	FXD	ERD-25UJ103	1/4W 10K OHM	5R0AA01369	, R53		e x	ER0-25UJ104	1/4W 100K OHM	SRDAA01393
816	RESISTOR	FXD	ERD-25UJ104	1/4W 100K OHM	SROAA01393		PESTSTOP	6 X A	7011150-003	MAN 4001 1771	************
R17	RESISTOR	FXD	ERD-25UJ224	1/4W 22DK OHM	SR0AA01401			e X	FR0-25UJ104	1/4W 100k OHM	Separation 5
818	RESISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	SROAAD1401	856		ex.	FRB-25111474	1/4w 470v num	5004001600
819	RESISTOR	FXD	ERD-25UJ222	1/4W 2.2K OHM	SR0AA01353	R57 B		EX.0	ER0-25UJ183	1/4W 18K OHM	SEDAROTAZE
18 820	RESISTOR	FXD	ERD-25UJ682	1/4W 6.8K OHM	<b>SRDAA01365</b>	858	RESISTOR	6 X A	ER0-25UJ103	1/4W 10K OHM	5R0AA01369
121	RESISTOR	FX0	ERD-25UJ103	1/4W 10K OHM	SRDAAG1369	054	8015158	E A O	CDA-25H1111	****	
F22	RESISTOR	FXD	ER0-25UJ103	174W 10K ONM	5R0AA01369	860		FX0	FR0-2511111	MAD 455 WAY 5	200000000000000000000000000000000000000
R23	RESISTOR	FXD	ERD-25UJ103	1/4W 10K 0HM	SRBAAD1369	R61		E X O	ER0-25UJ103		SEBAADINA
R24	RESISTOR	FXD	ERD-25UJ103	1/4W 10K 0HM	SRBAAD1369	862		FXO	ER0-25UJ103	1/4W 10K OHM	SEBAADIXA
10 825	RESISTOR	FXD	ERD-25UJ104	174W 100K OHM	SRDAAD1393	863	RESISTOR	FXO	ER0-25UJ105	1/4W 1M OHM	SRBAAO1417
#26	RESISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	5R0AA01401		RESISTOR	FXO	FR6-2511153	NA 151 WALL	500000000000000000000000000000000000000
R27	RESISTOR	FXD	ERD-25UJ224	1/4W 220K OHM	SRBAA01401	865		EXO	FBD-2511103	1/4× 10× 08×	Sphanotte
R28	RESISTOR	FXD	ERD-25UJ222	1/4W 2.2K OHM	SROAAD1353			EX.0	ER0-25UJ103		SPRAADIXA
R29	RESISTOR	FXD	ERD-25UJ332	174W 3.3K OHM	SR04A01357	R67 R	RESISTOR	FXO	ER0-25UJ103		SR0AA01369
1, 830	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	SRBAAD1369	25 R68	RESISTOR !	FXD	ERD-25UJ103	174W 10K OHM	SRDAA01369
231	RESISTOR	FXD	ERD-25UJ103	1/4W 10K OHM	SRBAA01369		RESISTOR	6 X D	FRB-251110X	1/4W 10V 0W	5000001460
R32	RESISTOR	FXD	ERD-25UJ103	174W 10K 0HM	SRBAAD1369	R70 R		FXO	ER0-25UJ103		5804401369
R33	RESISTOR	FXD	ERB-25UJ103	1/4W 10K 0HM	SRBAA01369	R71 R		6 X B	ERD-25UJ103		SPRAADITAG
234	RESISTOR	_	ERD-25UJ103	1/4W 10K 0HM	5R6AA01369	R72 R	RESISTOR	QX.	ERD-25UJ221		SRDAAD1329
10 835	RESISTOR	FXD	ERD-25UJ682	174W 6.8K OHM	SRDAAG1365	8 873 R	RESISTOR	QX.	ERD-25UJ221		SRDAA01329
836	RESISTOR	_	ERD-25UJ223	1/4W 22K DHM	SROAA01377	R74 R	RESISTOR	g x a	ERB-25UJ221	174W 22D DHM	SREAARITZO
R37	RESISTOR		ERD-25UJ223	1/4W 22K OHM	SR0AA01377	R75 R	RESISTOR	FXB	ERB-25UJ103		585AA01369
80 H	RESISTOR	_	ERD-25UJ223	1/4W 22K OHM	SRDAA01377	R76 R	RESISTOR	e x	ERB-25UJ103	174W 10K OHM	SR0AA01369
272	RESISTOR	-	ERD-25UJ182	174W 1.8K OHM	SRDAAD1351		RESISTOR	e X	ER0-25UJ221	1/4W 220 0HM	SRDAA01329
3, 843	RESISTOR	ex.	ERD-25UJ102	1/4W 1K OHM	SR0AA01345	3 R78 R	RESISTOR F	FXO	ERD-25UJ104	1/4W 100K OHM	SRDAAG1393

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1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		1000	RTTY DEMO	CHR-530	S S		
######################################	PARTS NO			DESCRIPTION	CODE		
	RA1	RESISTOR	IHR-8-103JA	10к они х8	5RZAB00136		
111110 144 500-715 604 105 604	RA2	RESISTOR	1HR-4-103JA	10K OHM X4 1/8W	5RZAB00133		
1111101 va 200-1102 con 102 con 11111101 va 200-1102 con 102 con 11111101 va 200-1102 con 102 con 1111101 va 200-1102 con 102 con 11111 va 200-1102 con 102 con 102 con 11111 va 200-1102 con 102	RV1			10K OHM	SRMAB00053		
HILLION TO SCHOOL OF THE STATE	RV2			1DK OHM	5RMAB00053		
1011100 VA 100-1010 ON 1011100 VA 10111100 VA 1011100 VA 10	RV3			10K OHM	SRMABODOSS		
######################################	8.44			10K OHM	SRMAB00053		
######################################	8.45			10K OHM	SRMAB00053		
7) WILLIAM PARTY 7) HILLIAM PARTY 7)	RV6			10K 0HM	5RMAB00053		
THE THE PROPERTY OF THE PROPER	RV7			10K OHM	SRMABDODSS		
THE TRANSPORT OF THE TR	141	TEST TERMINAL			SJBAA00364		
73 THI HUMAN CHAPA	TP2	TEST TERMINAL			SJDAADU364		
PS III IRRIA. FORFIL	193	TEST TERMINAL			SJDAA00364		
75 TET TERTON. POR-743.	194	TEST TERMINA			SJBAADD364		
	195	TEST TERMINA.			5JBAA00364		
	0.0						
	91						
	3.0						

	No.	ACCESSORIES	CRH-530-F	SHEET NO.		
PARTS NO	PARTS NAME	TYPE	DESCRIPTION	CODE		
AC1	LEVER	MTD000776		MT0000776		
Ac2	LEVER	MT5000776		MT0000776		
AC3	CASE	CMM-530		52XAM00001		
AC4	HANDAL.	CMM-530		62XJ000019		
ACS ACS	IND INI	CKJ-61 6EZJB00008		662300008		
AC6	CHNECTOR	67096-012		SJWBE00142		
AC7	BECEPTACLE	76630-001		SJW0E00143		
**						

	SHEET 20	cobk	51XAE00355	STXAE00355	5TXAE00355	STXAEDO355	STXAEGOSSS	51XAE00355	51XAE00355	STXAE00235	STXAE00235	S00AE00073	SODAEGOG4S	\$55AL00409	555AL00460	\$50A600048	500AE00281	S0DAE00631	\$00AE00427	S00A600110	SJMF 800011	52JEB00003	6ZCJ000141	SLCAA00191	SLCAA00191	SLCAA00191	511AA00075	SJJAAGGG89	6PCJD00186	SRDAAD1341	SR0AA01341	5R0AA01341	SRBAAD1341	SRDAAD1341	5R0AA01341	5R0AA01341	5R0AA01417
1	CHH-532	DESCRIPTION								1/2V 12V	1/2W 12V	NON	NOS								104									174W 680 OHM	174W 680 OHM	1/4W 1M OHM					
PARTS LIST	INTERFACE TOTAL	TYPE	15207657	18207687	18207687	18207687	18207687	15207657	18207657	HZ12A2	H212A2	TC40508P	TC4069UBP	SN75188N	SN75189AN	TA78LODSAP	TC9122P	TC74HC573P	TC74HC32P	MSM82C51ARS	67095-010	KGLS-108	H-62CJB00141	LALD4NA100K	LALD4NA100K	LALD4NA100K	HKP-10M2	HKP-12M2	H-6PCJ0001868	ERD-25UJ681	ERD-25UJ681	ERD-25UJ681	ER0-25UJ681	ER0-25UJ681	ER0-25UJ681	ERD-25UJ681	ERD-25UJ105
	INTE	AME																												fxo	FXO	FXD	FXO	FX9	ex.	ex.	e X
	H	PARTS NAME	DIODE	DIODE	30010	30010	30010	91006	DIODE	DIODE	30010	2	10	25	9	2	91	2	2	٥	CONNECTOR	SPACER	CABLE	COIL	COIL	101F	CONNECTOR	CONNECTOR	824	RESISTOR	RESISTOR						
		PARTS NO	C0106 D	0 10100	C0108 D		0 01100		C0112 0	C0113 D		10101		104			1 221 11		109 1	1010		8 050	Ī	5	175	1017	23 P45	944	PC1	R1		30 R3		R.S.	98		3.88
	SHEET NO.	CODE	SCAAAD1105	SCAAAD1105	SCAAA01105	SCBAB00400	SCEAA01348	SCEAA01348	SCEAA01348	SCEAA01348	SCEAA01348	Sc8A800400	SCBAB00400	SCBAB00400	Sc8A800400	Sc8A800400	SC\$AC00709	SCEAA01348	SCAAA01095	SCAAA01095	SCEAA01348	\$C8A800400	SCEAA01372	SCEAA01372	SCSAC00344	SC\$AC00344	SC\$AC00344	SC\$AC00344	SD2AD00033	502A000033	502A000033	502A000033	STXAE00181	STXAE00181	STXAE00355	STXAE00355	STXAEDO355
	CHH-532	DESCRIPTION	50V 220PF	50V 220PF	50V 220PF	50V 10000PF	25v10UF	25v10ur	25V10UF	25V10UF	25V10UF	50V 10000PF	35V 1UF	25V10UF	50V 33PF	50V 33PF	25V10UF	50V 10000PF	50V4.7UF	50V4.7UF	4.7UF 25V	4.7UF 25V	4.7UF 25V	4.7UF 25V													
PARTS LIST	INTERFACE	TYPE	0010751221350	001075L221J50	DD1075L221J50	00106F103Z50	ECE-A1ES100	ECE-A1ES100	ECE-A1ES100	ECE-A1ES100	ECE-A1ES100	00106F103250	00106F103Z50	00106F103250	00106F103Z50	DD106F103Z50	245M3502 105M	ECE-A1E3100	0010481330J50	0010481330350	ECE-A1E3100	001061103250	ECE-A1HS4R7	ECE-AIHS4R7	20212502 475M4	20212502 475M4	202L2502 475M4	202L2502 475M4	TLP504A	TLP504A	TLPSO4A	TLP504A	188149H	188149H	18207687	15207657	15207657
	INTE	NAME	CER	CHR	CER	CER	LCTLT	LCTLT	ELCTLT	LCTLT	ELCTLT	CER	CER	CER	CER	CER	ANTAL	LCTLT	CER	CER	LCTLT	CER	LCTLT	LCTLT	ANTAL	ANTAL	ANTAL	ANTAL									
	_	PARTS NAME	CAP, FXD	CAP, FXD	CAP, FXD	CAP, FXD	CAP, FXD ELCTLT	CAP, FX0 ELCTLT	CAP, FXD E	CAP, FX0 ELCTLT	CAP, FXO E	CAP, FXD	CAP, FX0	CAP, FXD	CAP, FXB	CAP, FXB	CAP, FXD TANTAL	CAP, FXD ELCTLT	CAP, FXB	CAP, FXD	CAP, FXD ELCTLT	CAP, FXD	CAP, FXD ELCTLY	CAP, FXD ELCTLT	CAP, FXD TANTAL	CAP, FXD TANTAL	CAP, FXD TANTAL	CAP, FXD TANTAL	34014	91010	34010	34010	9010	30010	910DE	30010	10010
		PARTS NO	10	23	63	90	50.	90	23	80	60	01001	110	515	c13	614	11.015	610	213	613	1013	10 0102	c103	1010	0105	0100	19 0107	0108	100	202	503	300 01	10103	C0102	C0103		3, 00105

			181	INTERFACE	CHH-532	SHEET NO.
######################################			HAME	TYPE	DESCRIPTION	CODE
######################################	8.6	RESISTOR	e X	ER0-25UJ472	4.7K	SRBAA01361
######################################	810	RESISTOR	exa	ER0-25UJ472	4.7K	SRDAA01361
######################################	811	RESISTOR	FXB	ERD-25UJ472	4.7K	SRDAA01361
HILLION TO RES-200-27 1/14 (-77 GW) HILLION TO RES-200-27 1/14 (-77 GW) HILLION TO RES-200-20 1/14 (12 GW) HILLION TO RES	812	RESISTOR	EXP	ERB-25UJ472	4.7K	SRBAA01361
######################################	R13	RESISTOR	g x s	ERD-2583472	4.7K	SRDAA01361
######################################	814	RESISTOR	FXD	ERD-25UJ472		5RDAA01361
######################################	815	RESISTOR	gx4	ERD-25UJ472		5RDAA01361
######################################	1018	RESISTOR	g x s	ERD-25UJ100		SR0AA01297
######################################	8102	RESISTOR	FXD	ERD-25UJ820	82	SR0AA01319
### #### #############################	R103	RESISTOR	FXD	ER0-25UJ820	82	SR0AA01319
	P104	RESISTOR	FXD	ERD-25UJS62		SR0AA01363
	R105	RESISTOR	FXD	ER0-25UJ332	3.3x	SRBAA01357
	R106	RESISTOR	FXD	ER0-25UJ332	3.38	SRDAA01357
18061179 180625-7 18061179 180625-7 18061179 180625-7 17061170 1807170	1101	TRANSFOR	KER	M-6LUJ000018		6LUJB00018
THERETOR TREASTORY THROUGH TO TREASTORY THROUGH THROUG	10181	TRANSIST	80	25C1627A-Y		STCAF00532
THE PARTY COLUMN TO THE PA	TR102	TRANSIST	80	28C1627A-Y		STCAF00532
O CUTTA. NC-HE FASABARE	TR103	TRANSIST	80	28C1627A-Y		STCAF00532
(1 CTTTA, N°-1E 1-5,484400	18104	TRANSIST	80	25A817A-Y		STAAG00229
100 mm (100 mm) (100	x1	CRYSTAL		NC-18C F=3.6864MHZ		5XHAA00527
100 miles (100 miles (						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						

154151313   154161313   1541			21111		SHEET NO
		YOU		CHR-532-F	
1154-2-1.0 (14.11 11.0 (14.1	PARTS N		TYPE	DESCRIPTION	CODE
12 (1991   1992   1993   1994   1995	AC1	LEVER	MT0000776		MT0000776
(c) cast (c) 133 (c)	AC2	LEVER	MT0000776		MT0000776
(5 CONNECTE BYT-2-5-112)	AC3	CASE	CMH-532		SZXAMDODOS
CO COMMETER INTI-PE-TITE  CO CO COMMETER INTI-PE-TITE  CO C	AC4	MANUAL	CMH-532		62×3600020
61-24-118 R12-34-118	ACS	CONNECTOR	RP17-13P-12PC		SJCAA00518
	AC6	COMNECTOR	RP17-PC-112		\$JCAA00519
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CFL-205 HF TUNE

CAE-182 IF AF AMP

F 2nd MIX NB GATE 2nd IF NOTCH

77 © 70-22 RH G1 116 G1

53-55dB 39-41dB 37-39dB 63-65dB 84-86dB 0.1Vrms

Constant

ANT TRO, 35 FR, 30 P) 1-1 FR G1 

TRO, 35 FR, 30 P) 1-1 FR G1 

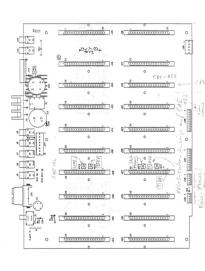
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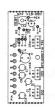
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53-55dB 39-41dB 8-10dB 2/-26dB 23-25dB 23-25dB 39-41dB 58-60dB 7-10dB

Beckselema

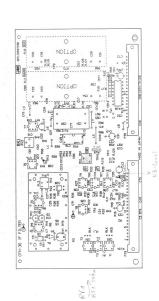
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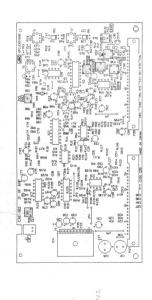




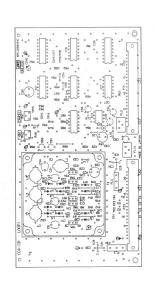




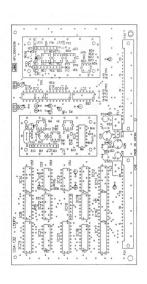
C. P. L. A.



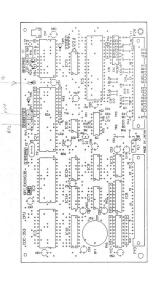
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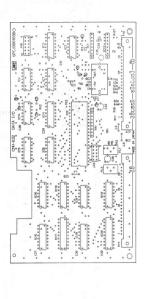


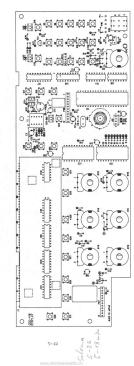


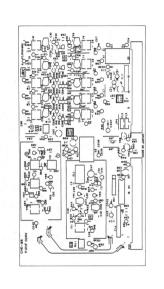


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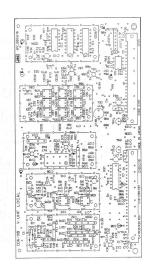




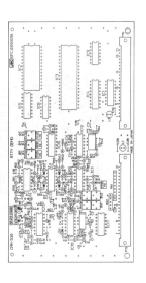


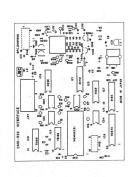


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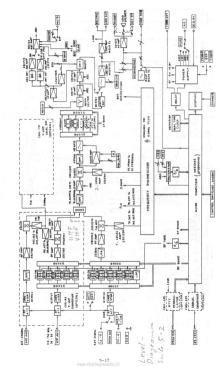


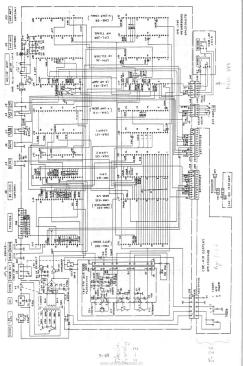
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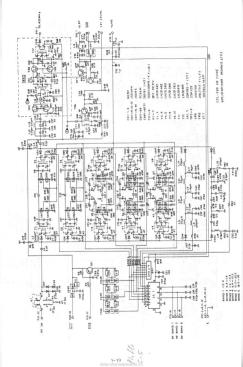


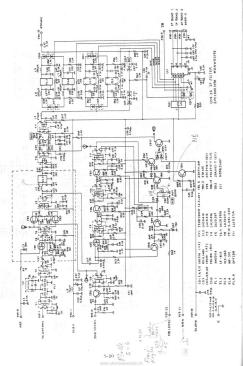


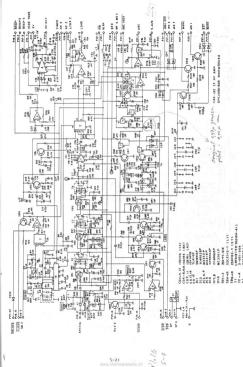
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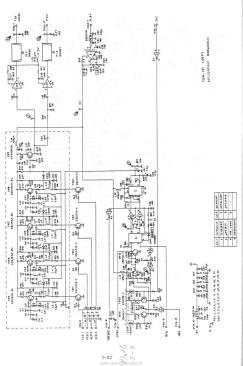


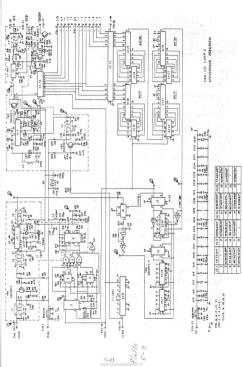


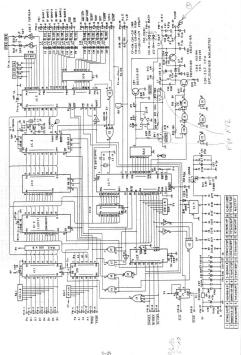


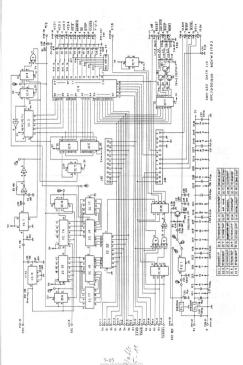


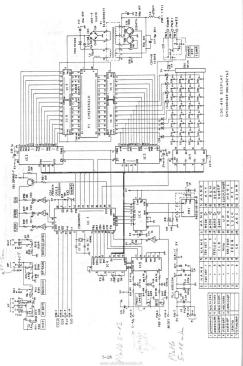


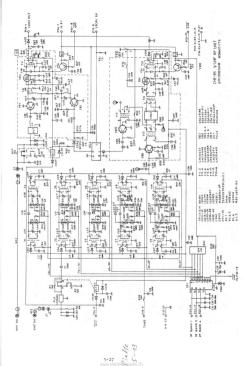


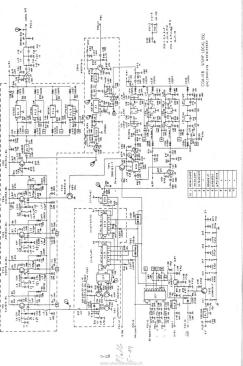


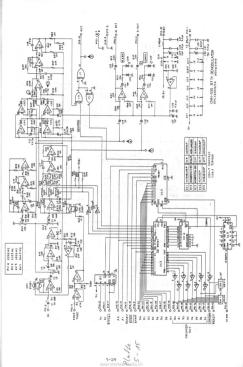


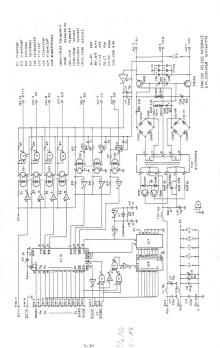














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