



SERVICE MANUAL

DUAL BAND FM TRANSCEIVER

IC-2700H

INTRODUCTION

This service manual describes the latest service information for the **IC-2700H** DUAL BAND FM TRANSCEIVER at the time of publication.

| VERSION NO. | VERSION | SYMBOL |
|-------------|-----------|--------|
| #22 | Europe | EUR |
| #23 | Italy | ITA |
| #25 | U.S.A. | USA |
| #26 | Korea | KOR |
| #27 | Australia | AUS |
| #28 | Asia | SEA |

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.



ORDERING PARTS

Be sure to include the following four points when ordering replacement parts:

1. 10-digit order numbers
2. Component part number and name
3. Equipment model name and unit name
4. Quantity required

<SAMPLE ORDER>

1130004190 S.IC LC7582A IC-2700H CONTROL UNIT 5 pieces
8810002440 Screw FH M2.6x4 ZK BS IC-2700H Top cover 10 pieces

Addresses are provided on the inside back cover for your convenience.

DANGER

NEVER connect the transceiver to an AC outlet or to a DC power supply that uses more than 16 V. This will ruin the transceiver.

DO NOT expose the transceiver to rain, snow or any liquids.

DO NOT reverse the polarities of the DC power supply when connecting the transceiver.

DO NOT apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the transceiver's front end.

REPAIR NOTES

1. Make sure a problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until the transceiver is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the transceiver is defective.
6. **DO NOT** transmit power into a signal generator or a sweep generator.
7. **ALWAYS** connect a 50 dB to 60 dB attenuator between the transceiver and a deviation meter or spectrum analyzer when using such test equipment.
8. **READ** the instructions of test equipment thoroughly before connecting equipment to the transceiver.

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SECTION 1 SPECIFICATIONS

GENERAL

- Frequency coverage

| VERSION | VHF | UHF |
|-----------|--|--|
| U.S.A. | 144.000-148.000 | 440.000-450.000 |
| Europe | 144.000-146.000 | 430.000-440.000 |
| Italy | 144.000-148.000 (TX) 136.000-174.000* ¹ (RX) | 430.000-440.000 (TX) 400.000-479.000* ² (RX) |
| Australia | 144.000-148.000 | 430.000-440.000 |
| Asia | 144.000-148.000 (TX) 136.000-174.000* ¹ (RX) | 430.000-440.000 |
| Korea | 144.000-146.000 | 435.075-440.000 |

Unit: MHz

*¹ Specifications guaranteed for 144.000-148.000 MHz.

*² Specifications guaranteed for 430.000-440.000 MHz.

- Tuning step increments
- Mode
- Antenna impedance
- Power supply requirement
- Usable temperature range
- Dimensions

: 5, 10, 12.5, 15, 20, 25, 30 or 50 kHz

: FM (F3)

: 50 Ω nominal

: 13.8 V DC \pm 15% (negative ground)

: -10°C to +60°C (+14°F to +140°F)

: 140 (W) \times 40 (H) \times 177 (D) mm

5.5 (W) \times 1.6 (H) \times 7.0 (D) in

(projections not included)

- Weight

: 1.45 kg (3.2 lb)

TRANSMITTER

- Modulation system
- Max. frequency deviation
- Spurious emissions
- Microphone impedance
- Output power and current drain (at 13.8 V DC)

: Variable reactance frequency modulation

: \pm 5 kHz

: Less than -60 dB

: 600 Ω

| | | POWER | CURRENT |
|-----|-------|-------|---------|
| VHF | High | 50 W | 12.0 A |
| | Low 2 | 10 W | 5.5 A |
| | Low 1 | 5 W | 4.0 A |
| UHF | High | 35 W | 11.5 A |
| | Low 2 | 10 W | 6.0 A |
| | Low 1 | 5 W | 4.5 A |

RECEIVER

- Receive system
- Intermediate frequencies
- Sensitivity
- Squelch threshold sensitivity
- Selectivity
- Spurious rejection ratio
- Audio output power
- Current drain
- Audio output impedance

: Double-conversion superheterodyne

: 1st 41.8 MHz (VHF)

42.25 MHz (UHF)

2nd 455 kHz

: Less than 0.16 μ V for 12 dB SINAD

: Less than 0.13 μ V

: More than 15 kHz/-6 dB

Less than 30 kHz/-60 dB

: More than 60 dB

: More than 2.0 W at 10% distortion with an 8 Ω load

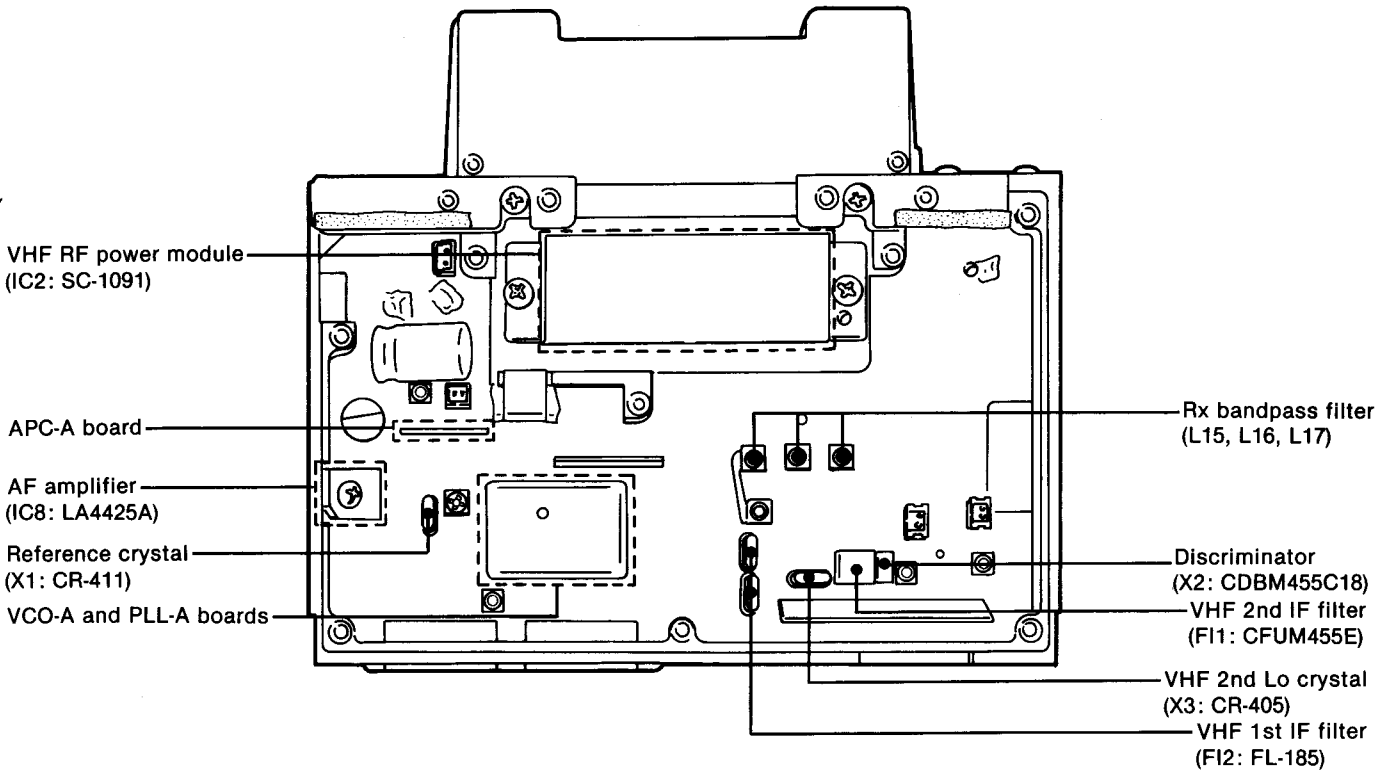
: Max. audio output 1.8 A Squelched 1.2 A

: 4-8 Ω

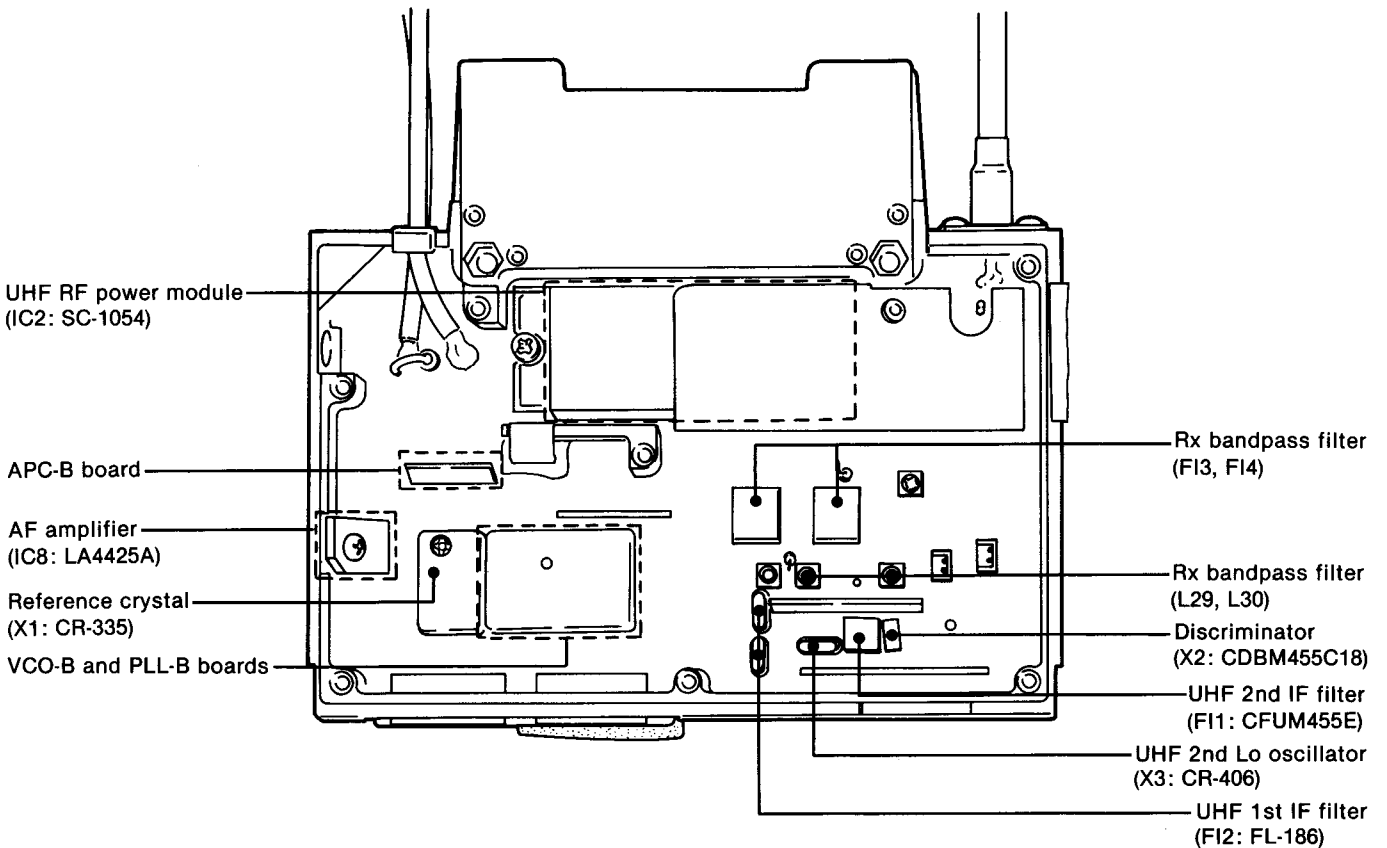
All stated specifications are subject to change without notice or obligation.

SECTION 2 INSIDE VIEWS

• MAIN-A UNIT



• MAIN-B UNIT



SECTION 3 DISASSEMBLY INSTRUCTIONS

Fig. 1 Removing the panels

1. Push the release button, then detach the front panel.
Disconnect the control cable from main body.
2. Remove 6 screws (A) to remove the top cover.
3. Remove 4 screws (B) to remove the fan cover.
Disconnect the fan cable from main body.
4. Remove 6 screws (C) to remove the bottom cover.

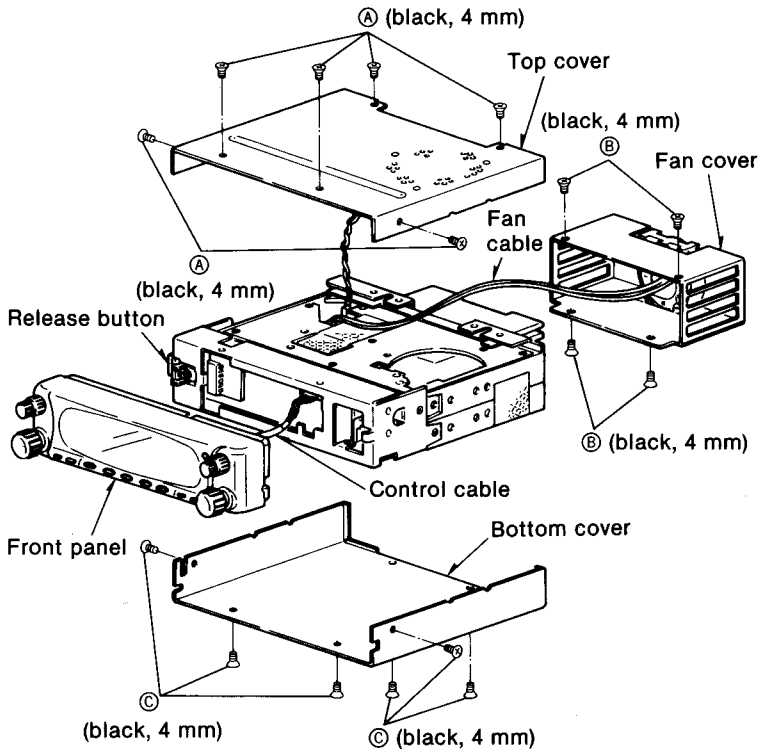


Fig. 2 Removing the sub chassis/shield plate

1. Remove 4 screws (D) to remove the sub chassis.
2. Remove 8 screws (E) to remove the shield plate.

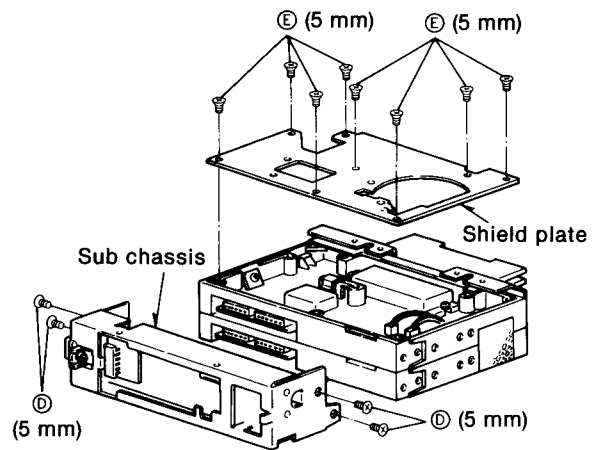


Fig. 3 Removing the MAIN-A chassis

1. Remove 2 screws (F) to remove the terminal plate.
2. Unsolder a point (G) and disconnect the connectors (J3, J4).
Remove 2 screws (H) to separate MAIN-A and MAIN-B chassis.

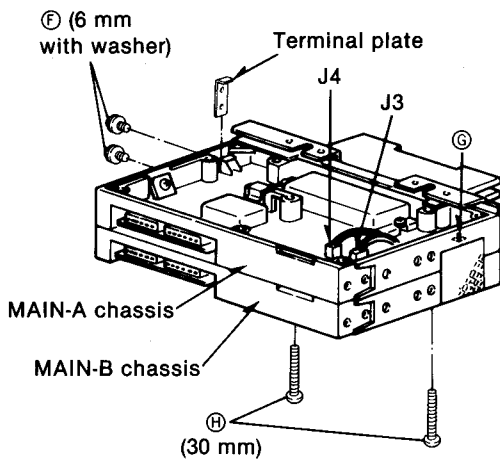
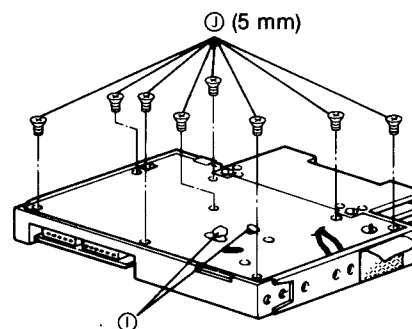


Fig. 4 Removing the shield plate

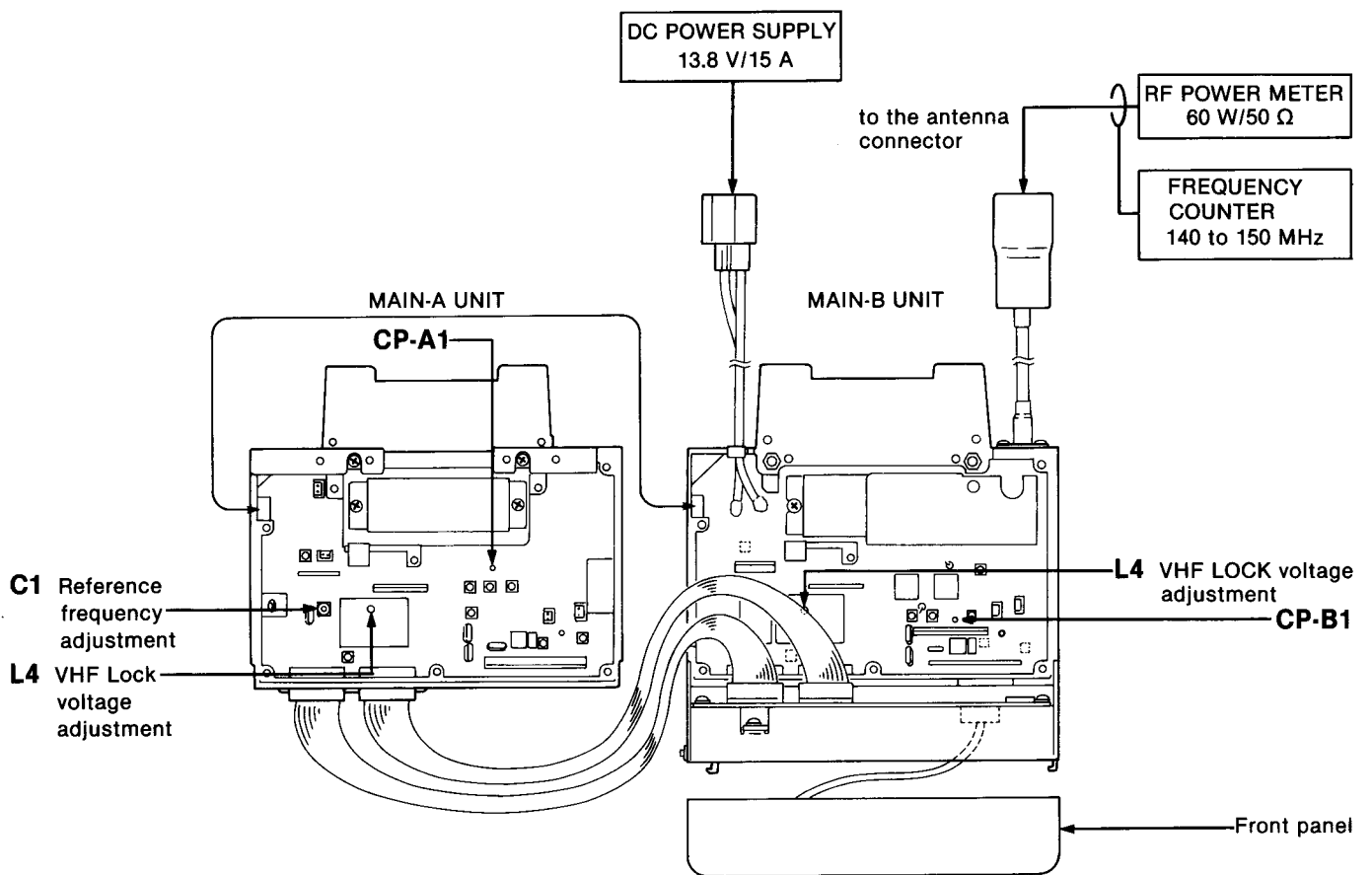
1. Unsolder 2 points (I) and remove 8 screws (J) to remove the shield plate.




SECTION 4 ADJUSTMENT PROCEDURES

4-1 PLL ADJUSTMENT

| ADJUSTMENT | | ADJUSTMENT CONDITIONS | MEASUREMENT | | VALUE | ADJUSTMENT POINT | |
|---------------------|---|--|-------------|--|-------------|------------------|--------|
| | | | UNIT | LOCATION | | UNIT | ADJUST |
| LOCK VOLTAGE | 1 | <ul style="list-style-type: none"> VHF display: 145.000 MHz Receiving | MAIN-A | Connect the DC voltmeter to CP-A1. (50 k Ω /DC) | 11 V | MAIN-A (VCO-A) | L4 |
| | 2 | <ul style="list-style-type: none"> UHF display: 145.000 MHz | MAIN-B | Connect the DC voltmeter to CP-B1. | 11 V | MAIN-B (VCO-B) | L4 |
| REFERENCE FREQUENCY | 1 | <ul style="list-style-type: none"> VHF display: 145.000 MHz Transmitting | Rear panel | Loosely couple the frequency counter to the antenna connector. | 145.000 MHz | MAIN-A | C1 |



4-2 RECEIVER ADJUSTMENT

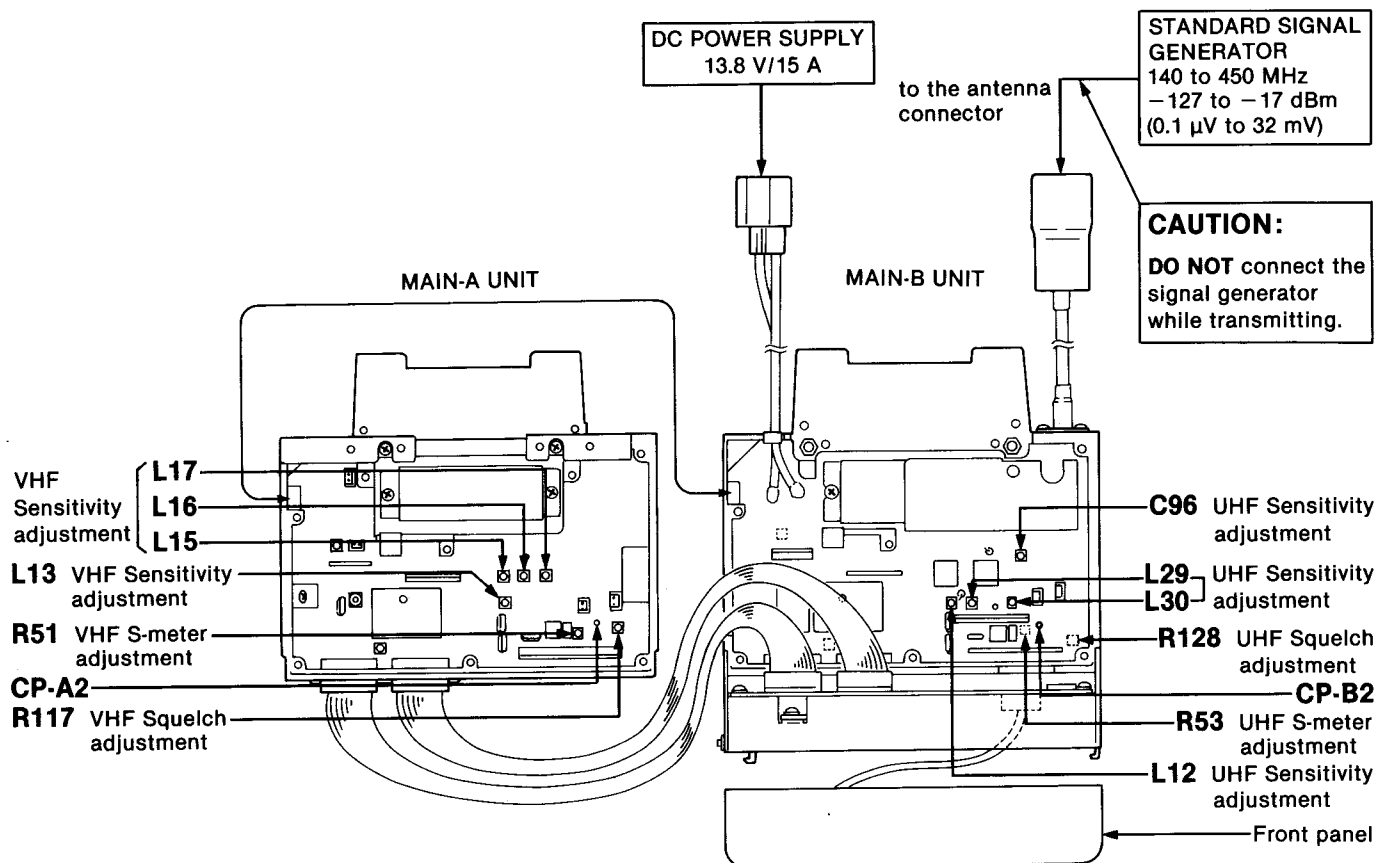
| ADJUSTMENT | ADJUSTMENT CONDITIONS | MEASUREMENT | | VALUE | ADJUSTMENT POINT | | |
|---|---|--|------------------|--|--|-------------|-----------------------------------|
| | | UNIT | LOCATION | | UNIT | ADJUST | |
| VHF SENSITIVITY | 1 | <ul style="list-style-type: none"> VHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Connect the SSG to the antenna connector and set as: Level : 1.0 μV* (-107 dBm) Modulation: 1 kHz Deviation : \pm3.5 kHz Receiving | MAIN-A | Connect the DC voltmeter to CP-A2. | Maximum DC voltage | MAIN-A | Adjust in sequence. L17, L16, L15 |
| | 2 | <ul style="list-style-type: none"> Set the SSG as: Deviation : \pm7.0 kHz | MAIN-A | | Maximum DC voltage | MAIN-A | L13 |
| | NOTE: Adjust the standard signal generator output level so that the DC voltmeter needle remains at all times in the lowest 30% of the full range. | | | | | | |
| VHF S-METER | 1 | <ul style="list-style-type: none"> VHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Connect the SSG to the antenna connector and set as: Level : 1.0 μV* (-107 dBm) Modulation: 1 kHz Deviation : \pm3.5 kHz Receiving | Function display | S/RF indicator in VHF display | S3 (4 dots) ■■■■ | MAIN-A | R51 |
| VHF SQUELCH | 1 | <ul style="list-style-type: none"> VHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Connect the SSG to the antenna connector and set as: Level : 0.11 μV* (-126 dBm) Modulation: 1 kHz Deviation : \pm3.5 kHz R117 (MAIN-A): Max. CW Receiving | Function display | Squelch level indicator in VHF display | Initial level Turn [SQL] control clockwise 2 clicks from 3 dots appears.  | Front panel | Control for VHF |
| | 2 | | Top cover | Speaker | Squelch just opens | MAIN-A | R117 |
| UHF SENSITIVITY | 1 | <ul style="list-style-type: none"> UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) Connect the SSG to the antenna connector and set as: Level : 1.0 μV* (-107 dBm) Modulation: 1 kHz Deviation : \pm3.5 kHz Receiving | MAIN-B | Connect the DC voltmeter to CP-B2. | Maximum DC voltage | MAIN-B | C96 |
| | 2 | <ul style="list-style-type: none"> Set the SSG as: Deviation : \pm7.0 kHz | | | Maximum DC voltage | MAIN-B | L12 |
| | 3 | <ul style="list-style-type: none"> UHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Connect the SSG to the antenna connector and set as: Level : 1.0 μV* (-107 dBm) Modulation: 1 kHz Deviation : \pm3.5 kHz | MAIN-B | Connect the DC voltmeter to CP-B2. | Maximum DC voltage | MAIN-B | Adjust in sequence. L30, L29 |
| NOTE: Adjust the standard signal generator output level so that the DC voltmeter needle remains at all times in the lowest 30% of the full range. | | | | | | | |

*This output level of the standard signal generator (SSG) is indicated as SSG's open circuit.

RECEIVER ADJUSTMENT (CONTINUED)

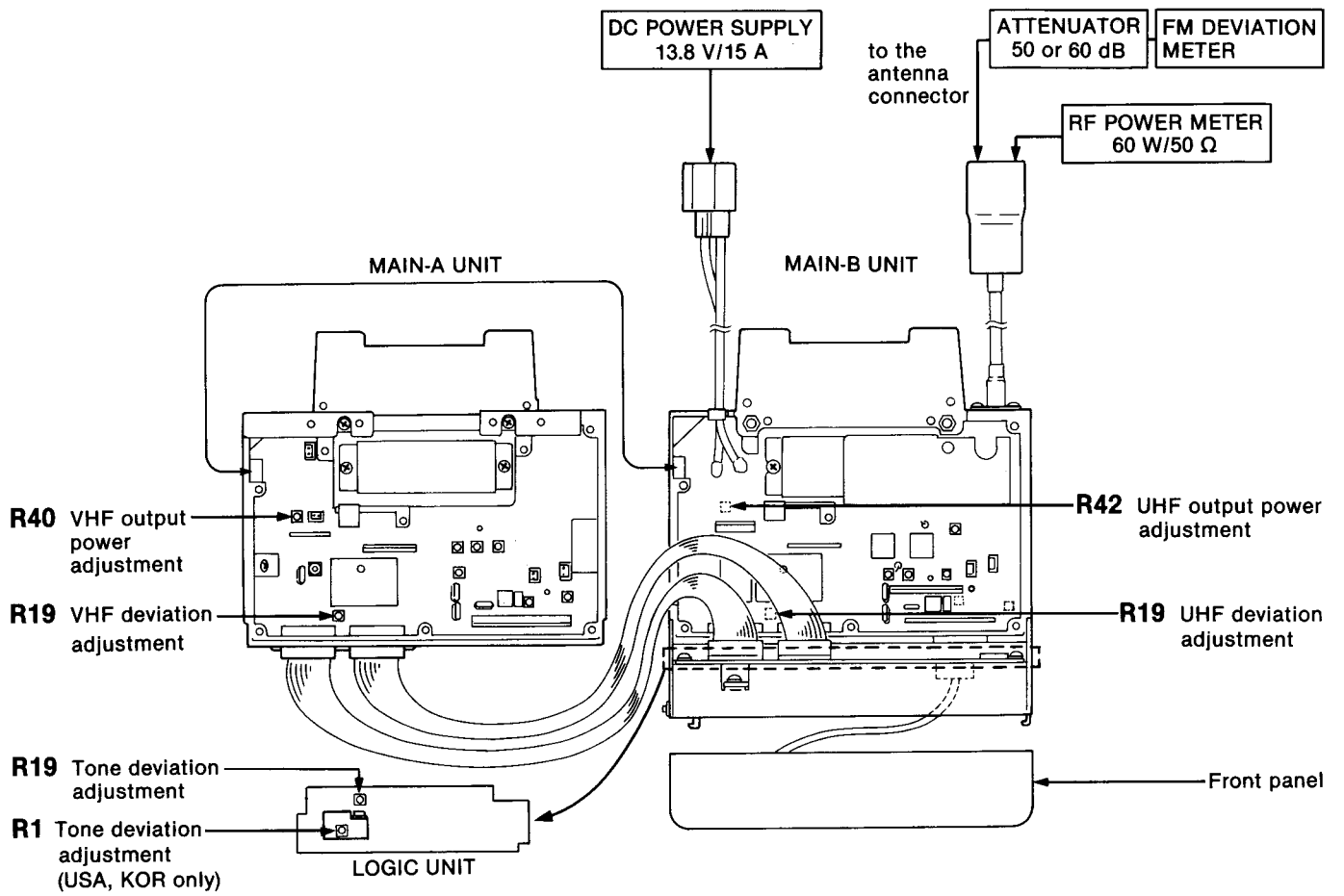
| ADJUSTMENT | ADJUSTMENT CONDITIONS | MEASUREMENT | | VALUE | ADJUSTMENT POINT | |
|-------------|---|------------------|--|---|---------------------|-----------------|
| | | UNIT | LOCATION | | UNIT | ADJUST |
| UHF S-METER | 1 <ul style="list-style-type: none"> • UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) • Connect the SSG to the antenna connector and set as: Level : 1.0 μV* (-107 dBm) Modulation: 1 kHz Deviation \pm3.5 kHz • Receiving | Function display | S/R indicator in VHF display | S3 (4 dots) ●●●● | MAIN-B | R53 |
| UHF SQUELCH | 1 <ul style="list-style-type: none"> • UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) • Connect the SSG to the antenna connector and set as: Level : 0.11 μV* (-126 dBm) Modulation: 1 kHz Deviation \pm3.5 kHz • R128 (MAIN-B): Max. CW • Receiving | Function display | Squelch level indication in VHF display. | Initial level Turn [SQL] control clockwise 2 clicks from 3 dots appears. | Front panel | Control for UHF |
| | | 2 | Top cover | Speaker | Squelch just opens. | MAIN-B |

*This output level of the standard signal generator (SSG) is indicated as SSG's open circuit.



4-3 TRANSMITTER ADJUSTMENT

| ADJUSTMENT | ADJUSTMENT CONDITIONS | MEASUREMENT | | VALUE | ADJUSTMENT POINT | |
|------------------------|---|---------------|---|----------|------------------|----------------------------|
| | | UNIT | LOCATION | | UNIT | ADJUST |
| VHF OUTPUT POWER | 1 <ul style="list-style-type: none"> VHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Output power: HIGH Transmitting | Rear panel | Connect to the RF power meter to the antenna connector. | 50 W | MAIN-A | R40 |
| VHF DEVIATION | 1 <ul style="list-style-type: none"> VHF display: 145.000 MHz (EUR, KOR) 146.000 MHz (Other versions) Connect the audio generator to the microphone connector and set as: 65 mVrms/1.0 kHz (USA) 20 mVrms/1.0 kHz (Other versions) Set the FM deviation meter as: HPF : 50 Hz LPF : 20 kHz De-emphasis: OFF Detector : (P-P)/2 Transmitting | Rear panel | Connect the FM deviation meter to the antenna connector via the attenuator. | ±4.8 kHz | MAIN-A | R19 |
| UHF OUTPUT POWER | 1 <ul style="list-style-type: none"> UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) Output power: HIGH Transmitting | Rear panel | Connect to the RF power meter to the antenna connector. | 35 W | MAIN-B | R42 |
| UHF DEVIATION | 1 <ul style="list-style-type: none"> UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) Connect the audio generator to the microphone connector and set as: 65 mVrms/1.0 kHz (USA) 20 mVrms/1.0 kHz (Other versions) Set the FM deviation meter as: HPF : 50 Hz LPF : 20 kHz De-emphasis: OFF Detector : (P-P)/2 Transmitting | Rear panel | Connect the FM deviation meter to the antenna connector via the attenuator. | ±4.8 kHz | MAIN-B | R19 |
| TONE DEVIATION | 1 <ul style="list-style-type: none"> UHF display: 445.000 MHz (USA) 435.000 MHz (Other versions) Set the FM deviation meter as: HPF : OFF LPF : 20 kHz De-emphasis: OFF Detector : (P-P)/2 TONE: ON Transmitting | Rear panel | Connect the FM deviation meter to the antenna connector via the attenuator. | ±0.8 kHz | TONE | R1 (USA, KOR) |
| | | | | | LOGIC | R19 (Other versions) |



SECTION 5 PARTS LIST

[CONTROL UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|----------------------------------|
| IC1 | 1130004190 | S.IC | LC7582A |
| IC2 | 1130004190 | S.IC | LC7582A |
| IC3 | 1130002370 | S.IC | μ PD4028BG-T1 |
| IC4 | 1130005810 | S.IC | BU4094BF-T1 |
| IC5 | 1180000970 | S.IC | AN78L05M-(E1) |
| IC6 | 1180000990 | S.IC | AN78L08M-(E1) |
| IC7 | 1130004670 | S.IC | BU4021BF-T1 |
| IC8 | 1130004670 | S.IC | BU4021BF-T1 |
| IC9 | 1130004670 | S.IC | BU4021BF-T1 |
| IC10 | 1130007110 | S.IC | TC7W04FU(TE12L) |
| IC11 | 1130007110 | S.IC | TC7W04FU(TE12L) |
| IC12 | 1110002780 | S.IC | MC3371DR |
| IC14 | 1110002860 | S.IC | TA75S393F (TE85R) |
| IC15 | 1130003760 | S.IC | TC4S81F (TE85R) |
| IC16 | 1130004170 | S.IC | TC4S01F (TE85R) |
| IC17 | 1130003920 | S.IC | TC4S69F (TE85R) |
| IC18 | 1110002410 | S.IC | NJM2406F(TE1) |
| IC19 | 1130007370 | S.IC | TA75S558F(TE85L) |
| IC20 | 1110002750 | S.IC | TA75S01F (TE85R) |
| IC21 | 1110002750 | S.IC | TA75S01F (TE85R) |
| Q4 | 1520000270 | S.TRANSISTOR | 2SB1182 TL Q |
| Q5 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q8 | 1560000490 | S.FET | 2SK508 K52 T2B |
| Q9 | 1530002380 | S.TRANSISTOR | 2SC4215-Y (TE85R) |
| Q10 | 1560000490 | S.FET | 2SK508 K52 T2B |
| Q11 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q12 | 1510000770 | S.TRANSISTOR | 2SA1586-GR (TE85R) |
| Q13 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q14 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q15 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q16 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| D1 | 1790001200 | S.DIODE | MA6S121(TX) |
| D2 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D3 | 1790001200 | S.DIODE | MA6S121(TX) |
| D4 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D5 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D6 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D7 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D12 | 1790001000 | S.ZENER | MA8062-L(TX) |
| D13 | 1790000980 | S.DIODE | MA742(TX) |
| D14 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| F11 | 2020000580 | CERAMIC | CFUM455B |
| F12 | 2020000990 | CERAMIC | CFYM455C |
| X1 | 6070000100 | DISCRI | CDBM455C18 |
| L2 | 6200002090 | S.COIL | ELJFB 681K-F |
| R1 | 7030003650 | S.RESISTOR | ERJ3GEYJ 563 V (56 k Ω) |
| R2 | 7030003650 | S.RESISTOR | ERJ3GEYJ 563 V (56 k Ω) |
| R9 | 7030000020 | S.RESISTOR | MCR10EZJH 1 Ω (010) |
| R10 | 7030000020 | S.RESISTOR | MCR10EZJH 1 Ω (010) |
| R11 | 7030000020 | S.RESISTOR | MCR10EZJH 1 Ω (010) |
| R12 | 7030000020 | S.RESISTOR | MCR10EZJH 1 Ω (010) |
| R13 | 7030001170 | S.RESISTOR | MCR50JZJH 220 Ω (221) |
| R14 | 7030003490 | S.RESISTOR | ERJ3GEYJ 272 V (2.7 k Ω) |
| R15 | 7030003450 | S.RESISTOR | ERJ3GEYJ 122 V (1.2 k Ω) |
| R16 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R17 | 7030003650 | S.RESISTOR | ERJ3GEYJ 563 V (56 k Ω) |
| R18 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 k Ω) |
| R19 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |

[CONTROL UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|----------------------------------|
| R20 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R21 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R22 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R23 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R24 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R25 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R26 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R27 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R28 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R29 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R30 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R31 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R32 | 7030003640 | S.RESISTOR | ERJ3GEYJ 223 V (22 k Ω) |
| R33 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R34 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 k Ω) |
| R36 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 k Ω) |
| R37 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 k Ω) |
| R38 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 k Ω) |
| R39 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 k Ω) |
| R40 | 7030003640 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 M Ω) |
| R41 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R43 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R44 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R45 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R46 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R47 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R48 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R49 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 M Ω) |
| R50 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (470 Ω) |
| R51 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R52 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 k Ω) |
| R53 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 k Ω) |
| R54 | 7030003460 | S.RESISTOR | ERJ3GEYJ 152 V (1.5 k Ω) |
| R55 | 7030003460 | S.RESISTOR | ERJ3GEYJ 152 V (1.5 k Ω) |
| R56 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R57 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R58 | 7030003530 | S.RESISTOR | ERJ3GEYJ 562 V (5.6 k Ω) |
| R60 | 7310003580 | S.TRIMMER | EVM-1XSX50 B15 (104) |
| R61 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 k Ω) |
| R62 | 7310003670 | S.TRIMMER | EVM-1XSX50 BE2 (221) |
| R63 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 k Ω) |
| R64 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R65 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 k Ω) |
| R66 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R67 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R68 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R69 | 7310003600 | S.TRIMMER | EVM-1XSX50 B54 (503) |
| R70 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 k Ω) |
| R75 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R76 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 k Ω) |
| R77 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 k Ω) |
| R78 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R79 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 k Ω) |
| R80 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R81 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R82 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 k Ω) |
| R88 | 7030003640 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 M Ω) |
| R89 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 k Ω) |
| R90 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R91 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R92 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R93 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 k Ω) |
| R94 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R95 | 7030003770 | S.RESISTOR | ERJ3GEYJ 564 V (560 k Ω) |
| R96 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 M Ω) |
| R97 | 7030003640 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 M Ω) |
| R98 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 M Ω) |
| R99 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 k Ω) |
| R100 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |
| R101 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 k Ω) |

S.=Surface mount

[CONTROL UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|----------------|-------------------------|
| R102 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R103 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R104 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R105 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R106 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R108 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R109 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R110 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R111 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R112 | 7030003470 | S.RESISTOR | ERJ3GEYJ 182 V (1.8 kΩ) |
| R113 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R114 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R115 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R116 | 7030003470 | S.RESISTOR | ERJ3GEYJ 182 V (1.8 kΩ) |
| R117 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R118 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R119 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R120 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R121 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| C1 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| C2 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C9 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C10 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C11 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C12 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C13 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C14 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C15 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C16 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C18 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C19 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C20 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C21 | 4030006780 | S.CERAMIC | C1608 SL 1H 181J-T-A |
| C22 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C23 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C24 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C25 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C26 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C27 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C28 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C29 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C30 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C31 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C32 | 4030006890 | S.CERAMIC | C1608 SL 1H 330J-T-A |
| C33 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C34 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C35 | 4030006870 | S.CERAMIC | C1608 JB 1H 222K-T-A |
| C36 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C37 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C38 | 4030005090 | S.CERAMIC | C2012 JB 1H 223K-T-A |
| C39 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C40 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C41 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C42 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C43 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C44 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C45 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C46 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C47 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C48 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C49 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C50 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C51 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C52 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C53 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C54 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C55 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C56 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C57 | 4030007150 | S.CERAMIC | C1608 CH 1H 151J-T-A |
| C58 | 4030006760 | S.CERAMIC | C1608 SL 1H 121J-T-A |

[CONTROL UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|----------------|-----------------------|
| C59 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C60 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C61 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C62 | 4030006720 | S.CERAMIC | C1608 SL 1H 580J-T-A |
| C63 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| C64 | 4030006800 | S.CERAMIC | C1608 SL 1H 221J-T-A |
| C65 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C66 | 4030008760 | S.CERAMIC | C2012 X7R 1C 104K-T-A |
| C67 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C68 | 4030008710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C69 | 4030006610 | S.CERAMIC | C1608 SL 1H 100D-T-A |
| C70 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C71 | 4030006880 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C72 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C73 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C74 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C75 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C76 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C77 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C78 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C79 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C80 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C81 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C82 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C83 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C84 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C85 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C86 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C87 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C88 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C89 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C90 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C91 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C92 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C93 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C94 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C95 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C96 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C97 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C98 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C99 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C100 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C101 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C102 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C103 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C104 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C105 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C107 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C108 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C109 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C110 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C111 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C112 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C113 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C114 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C115 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C116 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C117 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C118 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C119 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C120 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C121 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C122 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C123 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C124 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| DS1 | 5030001070 | LCD | LD-BU5695E (E-5881-1) |
| DS2 | 5080000330 | LAMP | HRS-7219A-RE |
| DS3 | 5080000330 | LAMP | HRS-7219A-RE |
| DS4 | 5080000330 | LAMP | HRS-7219A-RE |
| DS5 | 5080000330 | LAMP | HRS-7219A-RE |
| W1 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W2 | 7030003860 | S.JUMPER | ERJ3GE JPW V |

S.=Surface mount

[CONTROL UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-----------------|
| W3 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W7 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W9 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| J1 | 6510016600 | S.CONNECTOR | 53261-0890 |
| J2 | 6510017310 | CONNECTOR | S02B-EH |
| J3 | 6510016190 | S.CONNECTOR | 52465-1290 |
| J4 | 6510016190 | S.CONNECTOR | 52465-1290 |
| S1 | 2260001890 | S.SWITCH | SKQDPA [V/MHz] |
| S2 | 2260001890 | S.SWITCH | SKQDPA [M/CALL] |
| S3 | 2260001890 | S.SWITCH | SKQDPA [V/MHz] |
| S4 | 2260001890 | S.SWITCH | SKQDPA [M/CALL] |
| S5 | 2260001890 | S.SWITCH | SKQDPA [SET] |
| S6 | 2260001890 | S.SWITCH | SKQDPA [DUP] |
| S7 | 2260001890 | S.SWITCH | SKQDPA [DTMF] |
| S8 | 2260001890 | S.SWITCH | SKQDPA [LOW] |
| S9 | 2260001890 | S.SWITCH | SKQDPA [MW] |
| S10 | 2260001890 | S.SWITCH | SKQDPA [POWER] |
| EP1 | 0910039042 | PCB | B 3799B |
| EP2 | 8930030631 | LCD CONTACT | SRCN-1352-SC-L |
| EP3 | 8930030621 | LCD CONTACT | SRCN-1352-SC-S |

[SW-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------------------|
| D1 | 1790001220 | PHOTO | PP506-1 |
| J1 | 6510016460 | S.CONNECTOR | 53309-1290 |
| S1 | 2250000170 | ENCODER | TP90D96AE20-17F (1352) [VOL/SQL] |
| S2 | 2250000160 | ENCODER | TP90N00AE20-15F (1352) [MAIN] |
| EP1 | 0910039053 | PCB | B 3800C |

[SW-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------------------|
| D1 | 1790001220 | PHOTO | PP506-1 |
| J1 | 6510016460 | S.CONNECTOR | 53309-1290 |
| S1 | 2250000170 | ENCODER | TP90D96AE20-17F (1352) [VOL/SQL] |
| S2 | 2250000160 | ENCODER | TP90N00AE20-15F (1352) [MAIN] |
| EP1 | 0910039063 | PCB | B 3801C |

[LOGIC UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|--------------------|
| IC1 | 1130004330 | S.IC | LC7385M |
| IC2 | 1130006220 | S.IC | TC4W53FU (TE12L) |
| IC3 | 1130004230 | S.IC | LC7366NM |
| IC4 | 1130005810 | S.IC | BU4094BF-T1 |
| IC5 | 1130005810 | S.IC | BU4094BF-T1 |
| IC8 | 1110002410 | S.IC | NJM2406F(TE1) |
| IC9 | 1130007430 | S.IC | TC7S14FU(TE85R) |
| IC11 | 1140004560 | S.IC | μPD78238GC-248-3B9 |
| IC12 | 1130007290 | S.IC | 24LC16BT-I/SN |
| IC13 | 1140004270 | S.IC | μPD7564AG-535 |
| IC14 | 1110002750 | S.IC | TA75S01F (TE85R) |

[LOGIC UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|--|
| IC15 | 1180000970 | S.IC | AN78L05M-(E1) |
| IC16 | 1110003500 | S.IC | S-80742SL-A6-T1 |
| IC17 | 1130007420 | S.IC | TC7W14FU(TE12L) |
| IC19 | 1130007110 | S.IC | TC7W04FU(TE12L) |
| IC20 | 1130007020 | S.IC | TC7S66FU(TE85R) |
| IC21 | 1110002750 | S.IC | TA75S01F (TE85R) |
| IC22 | 1130006220 | S.IC | TC4W53FU (TE12L) |
| IC23 | 1130006550 | S.IC | TC7S08FU (TE85R) |
| Q1 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q2 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q3 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q4 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q5 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q6 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q7 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q8 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q14 | 1540000250 | S.TRANSISTOR | 2SD999-T2 CK |
| Q15 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q16 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q17 | 1590000720 | S.TRANSISTOR | DTA144EU T107 |
| Q18 | 1590001600 | S.TRANSISTOR | UMD3 TL |
| D1 | 1750000300 | S.DIODE | 1SS302 (TE85R) |
| D3 | 1750000260 | S.DIODE | 1SS352 (TPH3) (EUR, ITA, KOR, AUS, SEA) |
| D4 | 1750000260 | S.DIODE | 1SS352 (TPH3) (ITA, KOR) |
| D5 | 1750000260 | S.DIODE | 1SS352 (TPH3) (EUR) |
| D6 | 1750000260 | S.DIODE | 1SS352 (TPH3) (KOR, AUS, SEA) |
| D7 | 1750000260 | S.DIODE | 1SS352 (TPH3) (EUR, USA, SEA) |
| D8 | 1750000260 | S.DIODE | 1SS352 (TPH3) (ITA, USA, SEA) |
| D9 | 1750000260 | S.DIODE | 1SS352 (TPH3) (ITA, USA, SEA) |
| D11 | 1750000260 | S.DIODE | 1SS352 (TPH3) (USA, SEA) |
| D12 | 1750000260 | S.DIODE | 1SS352 (TPH3) (USA) |
| D13 | 1710000800 | DIODE | 1SS254 (EUR, AUS) |
| D14 | 1710000800 | DIODE | 1SS254 (EUR, ITA, KOR, AUS, SEA) |
| D16 | 1750000260 | S.DIODE | 1SS352 (TPH3) (EUR, USA, AUS, SEA) |
| D17 | 1750000260 | S.DIODE | 1SS352 (TPH3) (EUR, USA, AUS, SEA) |
| D18 | 1790001200 | S.DIODE | MA6S121(TX) |
| D19 | 1790001200 | S.DIODE | MA6S121(TX) |
| D20 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D21 | 1750000290 | S.DIODE | 1SS300 (TE85R) |
| D22 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D25 | 1730002280 | S.ZENER | MA8091-M(TX) |
| D26 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| X1 | 6050006020 | XTAL | CR-288 |
| X2 | 6050008180 | S.XTAL | CR-410 (9.8304MHz) |
| X3 | 6060000530 | S.CERAMIC | CSB600J200T |
| R1 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R2 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R3 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R4 | 7030003740 | S.RESISTOR | ERJ3GEYJ 334 V (330 kΩ) |
| R5 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R6 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R7 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R8 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R9 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R10 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R11 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R12 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R13 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |

S.=Surface mount

[LOGIC UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|------------------------------------|
| R14 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R15 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R16 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R17 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R18 | 7030003840 | S.RESISTOR ERJ3GEYJ 225 V (2.2 MΩ) |
| R19 | 7310003590 | S.TRIMMER EVM-1XSX50 B24 (203) |
| R20 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R21 | 7030003840 | S.RESISTOR ERJ3GEYJ 225 V (2.2 MΩ) |
| R22 | 7030003840 | S.RESISTOR ERJ3GEYJ 225 V (2.2 MΩ) |
| R23 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R24 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R25 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R26 | 7030003550 | S.RESISTOR ERJ3GEYJ 822 V (8.2 kΩ) |
| R27 | 7030003500 | S.RESISTOR ERJ3GEYJ 332 V (3.3 kΩ) |
| R28 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R29 | 7030003720 | S.RESISTOR ERJ3GEYJ 224 V (220 kΩ) |
| R30 | 7030003660 | S.RESISTOR ERJ3GEYJ 683 V (68 kΩ) |
| R31 | 7030003520 | S.RESISTOR ERJ3GEYJ 472 V (4.7 kΩ) |
| R32 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R33 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R34 | 7030003620 | S.RESISTOR ERJ3GEYJ 333 V (33 kΩ) |
| R35 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R37 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R38 | 7030003830 | S.RESISTOR ERJ3GEYJ 185 V (1.8 MΩ) |
| R39 | 7030003750 | S.RESISTOR ERJ3GEYJ 394 V (390 kΩ) |
| R40 | 7030003480 | S.RESISTOR ERJ3GEYJ 222 V (2.2 kΩ) |
| R41 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R42 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R43 | 7030003770 | S.RESISTOR ERJ3GEYJ 564 V (560 kΩ) |
| R44 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R45 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R47 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R49 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R50 | 7030003750 | S.RESISTOR ERJ3GEYJ 394 V (390 kΩ) |
| R51 | 7030003690 | S.RESISTOR ERJ3GEYJ 124 V (120 kΩ) |
| R54 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R55 | 7030003670 | S.RESISTOR ERJ3GEYJ 823 V (82 kΩ) |
| R56 | 7030003580 | S.RESISTOR ERJ3GEYJ 153 V (15 kΩ) |
| R59 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R60 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R61 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R63 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R64 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R65 | 7410000750 | S.ARRAY EXB-V4V 104JV (100 kΩ) |
| R66 | 7410000750 | S.ARRAY EXB-V4V 104JV (100 kΩ) |
| R67 | 7410000750 | S.ARRAY EXB-V4V 104JV (100 kΩ) |
| R68 | 7410000750 | S.ARRAY EXB-V4V 104JV (100 kΩ) |
| R69 | 7030003790 | S.RESISTOR ERJ3GEYJ 824 V (820 kΩ) |
| R70 | 7030003650 | S.RESISTOR ERJ3GEYJ 563 V (56 kΩ) |
| R71 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R72 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R73 | 7030003540 | S.RESISTOR ERJ3GEYJ 682 V (6.8 kΩ) |
| R75 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R76 | 7030003690 | S.RESISTOR ERJ3GEYJ 124 V (120 kΩ) |
| R77 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R78 | 7030003450 | S.RESISTOR ERJ3GEYJ 122 V (1.2 kΩ) |
| R79 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R80 | 7030003420 | S.RESISTOR ERJ3GEYJ 681 V (680 Ω) |
| R81 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R90 | 7030001040 | S.RESISTOR MCR50JZHJ 18 Ω (180) |
| R91 | 7030003390 | S.RESISTOR ERJ3GEYJ 391 V (390 Ω) |
| R92 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R93 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R97 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R100 | 7030003620 | S.RESISTOR ERJ3GEYJ 333 V (33 kΩ) |
| R101 | 7030003580 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R102 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R103 | 7030003570 | S.RESISTOR ERJ3GEYJ 123 V (12 kΩ) |
| R104 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R105 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R106 | 7030003680 | S.RESISTOR ERJ3GEYJ 223 V (22 kΩ) |
| R107 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R108 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R109 | 7030003640 | S.RESISTOR ERJ3GEYJ 473 V (47 kΩ) |
| R110 | 7030000140 | S.RESISTOR MCR10EZHJ 10 Ω (100) |
| R111 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |

[LOGIC UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|------------------------------------|
| R112 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R113 | 7030003600 | S.RESISTOR ERJ3GEYJ 223 V (22 kΩ) |
| R114 | 7030003600 | S.RESISTOR ERJ3GEYJ 223 V (22 kΩ) |
| R115 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R116 | 7030003700 | S.RESISTOR ERJ3GEYJ 154 V (150 kΩ) |
| R117 | 7030003630 | S.RESISTOR ERJ3GEYJ 393 V (39 kΩ) |
| R118 | 7030003690 | S.RESISTOR ERJ3GEYJ 124 V (120 kΩ) |
| R119 | 7030003690 | S.RESISTOR ERJ3GEYJ 124 V (120 kΩ) |
| R120 | 7030003690 | S.RESISTOR ERJ3GEYJ 124 V (120 kΩ) |
| R121 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R122 | 7030003760 | S.RESISTOR ERJ3GEYJ 474 V (470 kΩ) |
| R123 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R124 | 7030003310 | S.RESISTOR ERJ3GEYJ 820 V (82 Ω) |
| R125 | 7030003750 | S.RESISTOR ERJ3GEYJ 394 V (390 kΩ) |
| R126 | 7030003640 | S.RESISTOR ERJ3GEYJ 473 V (47 kΩ) |
| R127 | 7030003700 | S.RESISTOR ERJ3GEYJ 154 V (150 kΩ) |
| R128 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| C1 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C2 | 4030006690 | S.CERAMIC C1608 SL 1H 330J-T-A |
| C3 | 4030006700 | S.CERAMIC C1608 SL 1H 390J-T-A |
| C4 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C5 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C6 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C7 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C8 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C9 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C10 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C11 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C12 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C13 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C14 | 4030006870 | S.CERAMIC C1608 JB 1H 222K-T-A |
| C15 | 4030005110 | S.CERAMIC C2012 JB 1E 473K-T-A |
| C16 | 4030005110 | S.CERAMIC C2012 JB 1E 473K-T-A |
| C17 | 4030008880 | S.CERAMIC C1608 JB 1C 223K-T-A |
| C18 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C19 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C20 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C21 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C22 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C23 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C24 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C25 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C26 | 4550004440 | S.TANTALUM F95 0J335MQAAQ2 |
| C27 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C28 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C29 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C30 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C31 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C32 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C33 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C34 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C35 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C36 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C37 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C38 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C39 | 4030006660 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C40 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C41 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C43 | 4030006850 | S.CERAMIC C1608 JB 1H 471K-T-A |
| C46 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C48 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C50 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C51 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C52 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C53 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C54 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C55 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C56 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C57 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C58 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C59 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C60 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C61 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C62 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |

S.=Surface mount

[LOGIC UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|----------------|--------------------------------------|
| C63 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C64 | 4030006810 | S.CERAMIC | C1608 SL 1H 100D-T-A |
| C65 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C66 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C67 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C68 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C69 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C70 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C72 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C73 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C74 | 4030007060 | S.CERAMIC | C1608 CH 1H 270J-T-A |
| C75 | 4030007060 | S.CERAMIC | C1608 CH 1H 270J-T-A |
| C76 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C77 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C78 | 4030006750 | S.CERAMIC | C1608 SL 1H 101J-T-A |
| C79 | 4030006750 | S.CERAMIC | C1608 SL 1H 101J-T-A |
| C80 | 4510005940 | ELECTROLITIC | 10 MV 470 HC |
| C81 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C83 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C84 | 4030009000 | S.CERAMIC | C2012 JB 1C 224K-T-A |
| C86 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C87 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C88 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C90 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C91 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C92 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C93 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C94 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C100 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C101 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C102 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C103 | 4030006800 | S.CERAMIC | C1608 SL 1H 221J-T-A |
| C104 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| C105 | 4030006720 | S.CERAMIC | C1608 SL 1H 560J-T-A |
| C106 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C107 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C108 | 4510005600 | S.ELECTROLITIC | ECEV1CS100SR |
| C109 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C110 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C111 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C112 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C113 | 4550004130 | S.TANTALUM | F95 1C335MSAAQ2 |
| C114 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C115 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C116 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C117 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C118 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C119 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C120 | 4030006870 | S.CERAMIC | C1608 JB 1H 222K-T-A |
| C121 | 4030009000 | S.CERAMIC | C2012 JB 1C 224K-T-A |
| C122 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| W1 | 7120000380 | JUMPER | JPW 01 R-01 (ITA, USA, SEA) |
| W2 | 7030003860 | S.JUMPER | ERJ3GE JPW V (EUR, USA, AUS, SEA) |
| W4 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W7 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W8 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W9 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W10 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W11 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W12 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W13 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| J1 | 6510012690 | CONNECTOR | 53020-0810 |
| J2 | 6510016200 | CONNECTOR | 53047-0810 |
| J3 | 6510016190 | S.CONNECTOR | 52465-1290 |
| J4 | 6510016190 | S.CONNECTOR | 52465-1290 |
| J5 | 6510014540 | S.CONNECTOR | 5-176313-4 |
| J6 | 6510014540 | S.CONNECTOR | 5-176313-4 |
| EP1 | 0910039072 | PCB | B 3802B |

[MIC BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| Q1 | 1590000720 | S.TRANSISTOR | DTA144EU T107 |
| Q2 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q3 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| D1 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D2 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D3 | 1730002280 | S.ZENER | MA8091-M(TX) |
| R2 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R3 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R4 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R5 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R6 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R7 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R8 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R9 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| C2 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| W1 | 7030000010 | S.JUMPER | MCR10EZHZ JPW (000) |
| J1 | 6510016480 | CONNECTOR | 52018-8845 [MIC] |
| J2 | 6510016480 | S.CONNECTOR | 53309-1290 |
| EP1 | 0910040223 | PCB | B 3982C |

[AF UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|--------------------|
| IC1 | 1110000960 | S.IC | NJM4558M(T1) |
| IC2 | 1180001070 | S.IC | TA7805F(TE16L) |
| IC3 | 1110000490 | IC | AN8541 |
| IC4 | 1110002750 | S.IC | TA75S01F (TE85R) |
| IC5 | 1130004730 | S.IC | BU4066BF-T1 |
| IC6 | 1130005810 | S.IC | BU4094BF-T1 |
| IC7 | 1110000960 | S.IC | NJM4558M(T1) |
| IC8 | 1130003060 | IC | TC9154AP |
| IC9 | 1110000960 | S.IC | NJM4558M(T1) |
| IC10 | 1110001700 | S.IC | TL499ACPS |
| IC11 | 1130004730 | S.IC | BU4066BF-T1 |
| IC12 | 1110000960 | S.IC | NJM4558M(T1) |
| IC13 | 1130007370 | S.IC | TA75S558F(TE85L) |
| IC14 | 1130007370 | S.IC | TA75S558F(TE85L) |
| IC15 | 1110003230 | S.IC | TA31101F(TP1) |
| Q1 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q2 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q3 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q4 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q5 | 1590001390 | S.FET | 2SJ144-Y (TE85R) |
| Q6 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q7 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q8 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q9 | 1510000700 | S.TRANSISTOR | 2SA1736 (TE12R) |
| Q10 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q11 | 1520000380 | TRANSISTOR | 2SB1143 S |
| Q12 | 1540000250 | S.TRANSISTOR | 2SD999-T2 CK |
| Q13 | 1510000700 | S.TRANSISTOR | 2SA1736 (TE12R) |
| Q14 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q15 | 1520000380 | TRANSISTOR | 2SB1143 S |
| Q16 | 1540000250 | S.TRANSISTOR | 2SD999-T2 CK |
| Q17 | 1510000700 | S.TRANSISTOR | 2SA1736 (TE12R) |

S.=Surface mount

[AF UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| Q18 | 1530002890 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q19 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q20 | 1530003100 | S.TRANSISTOR | 2SC4541 (TE12R) |
| Q21 | 1530002850 | S.TRANSISTOR | 2SC4116-BL (TE85R) |
| Q22 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q23 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q24 | 1530003090 | S.TRANSISTOR | 2SC4213-B (TE85R) |
| Q25 | 1530003090 | S.TRANSISTOR | 2SC4213-B (TE85R) |
| D1 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D2 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D3 | 1790001000 | S.ZENER | MA8082-L(TX) |
| L1 | 6180001120 | COIL | FL 5H 101K |
| L2 | 6180002820 | COIL | RCR864D-101K |
| R1 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R2 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R3 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 kΩ) |
| R3 | 7030003590 | S.RESISTOR | ERJ3GEYJ 183 V (18 kΩ) |
| R4 | 7030003610 | S.RESISTOR | ERJ3GEYJ 273 V (27 kΩ) |
| R4 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R5 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R6 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R8 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R8 | 7030003700 | S.RESISTOR | ERJ3GEYJ 154 V (150 kΩ) |
| R9 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R10 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R11 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R12 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R13 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R14 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R15 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R16 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R17 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R18 | 7030003390 | S.RESISTOR | ERJ3GEYJ 391 V (390 Ω) |
| R19 | 7030003740 | S.RESISTOR | ERJ3GEYJ 334 V (330 kΩ) |
| R20 | 7030003750 | S.RESISTOR | ERJ3GEYJ 394 V (390 kΩ) |
| R21 | 7030003790 | S.RESISTOR | ERJ3GEYJ 824 V (820 kΩ) |
| R22 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R25 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R26 | 7030003670 | S.RESISTOR | ERJ3GEYJ 823 V (82 kΩ) |
| R27 | 7030003670 | S.RESISTOR | ERJ3GEYJ 823 V (82 kΩ) |
| R28 | 7030003670 | S.RESISTOR | ERJ3GEYJ 823 V (82 kΩ) |
| R29 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R30 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R31 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R32 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R33 | 7030000450 | S.RESISTOR | MCR10EZJH 3.9 kΩ (392) |
| R34 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R36 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R37 | 7030000380 | S.RESISTOR | MCR10EZJH 1 kΩ (102) |
| R38 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R39 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R40 | 7030000300 | S.RESISTOR | MCR10EZJH 220 Ω (221) |
| R41 | 7030000300 | S.RESISTOR | MCR10EZJH 220 Ω (221) |
| R42 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R43 | 7030000380 | S.RESISTOR | MCR10EZJH 1 kΩ (102) |
| R44 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R45 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R46 | 7030000300 | S.RESISTOR | MCR10EZJH 220 Ω (221) |
| R47 | 7030000300 | S.RESISTOR | MCR10EZJH 220 Ω (221) |
| R48 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R49 | 7030003730 | S.RESISTOR | ERJ3GEYJ 274 V (270 kΩ) |
| R50 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R51 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R53 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |

[AF UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|----------------|-------------------------|
| R54 | 7030003840 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 MΩ) |
| R55 | 7030003840 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 MΩ) |
| R56 | 7030003840 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 MΩ) |
| R57 | 7030003840 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 MΩ) |
| R58 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R60 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R61 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R62 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R63 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R64 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R65 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R66 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R67 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R68 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R69 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R70 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R71 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R72 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R73 | 7030000980 | S.RESISTOR | MCR50ZJH 5.6 Ω (5F8) |
| R74 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R75 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R76 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R77 | 7030003550 | S.RESISTOR | ERJ3GEYJ 822 V (8.2 kΩ) |
| R78 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R79 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R80 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R81 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R82 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R83 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R84 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R85 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R86 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R87 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R88 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R89 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R90 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 kΩ) |
| R91 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R92 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 kΩ) |
| R93 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R100 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R101 | 7030003670 | S.RESISTOR | ERJ3GEYJ 823 V (82 kΩ) |
| R102 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R103 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R104 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R105 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R106 | 7030003610 | S.RESISTOR | ERJ3GEYJ 273 V (27 kΩ) |
| R106 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 kΩ) |
| R107 | 7030003690 | S.RESISTOR | ERJ3GEYJ 124 V (120 kΩ) |
| R108 | 7030003700 | S.RESISTOR | ERJ3GEYJ 154 V (150 kΩ) |
| R109 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R110 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R111 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R112 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R113 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R114 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| C1 | 4510005300 | S.ELECTROLITIC | ECEV1AA330P |
| C2 | 4030008680 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C3 | 4030008680 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C4 | 4550004130 | S.TANTALUM | F95 1C335MSAAQ2 |
| C5 | 4030008680 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C6 | 4030008680 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C8 | 4510004630 | S.ELECTROLITIC | ECEV1CA100R |
| C9 | 4030008680 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C10 | 4030008680 | S.CERAMIC | C2012 JB 1H 331K-T-A |
| C11 | 4030007020 | S.CERAMIC | C1808 CH 1H 120J-T-A |
| C12 | 4550004270 | S.TANTALUM | F95 1C105MQAAQ2 |
| C13 | 4030008680 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C14 | 4030009490 | S.CERAMIC | C1808 JB 1H 331K-T-A |
| C15 | 4030008650 | S.CERAMIC | C1808 JB 1H 332K-T-A |
| C16 | 4030006740 | S.CERAMIC | C1808 SL 1H 820J-T-A |
| C17 | 4030008690 | S.CERAMIC | C1808 JF 1H 103Z-T-A |
| C18 | 4030006750 | S.CERAMIC | C1808 SL 1H 101J-T-A |

S.=Surface mount

[AF UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|-----------------------------------|
| C19 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C20 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C21 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C22 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C23 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C24 | 4510004640 | S.ELECTROLITIC ECEV1CA470P |
| C25 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C26 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C27 | 4510005370 | S.ELECTROLITIC ECEV1AA221P |
| C28 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C29 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C30 | 4510004990 | ELECTROLITIC 16 MV 100 HC |
| C31 | 4510004990 | ELECTROLITIC 16 MV 100 HC |
| C32 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C33 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C34 | 4510005300 | S.ELECTROLITIC ECEV1AA330P |
| C35 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C36 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C37 | 4510005300 | S.ELECTROLITIC ECEV1AA330P |
| C38 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C39 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C41 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C42 | 4030008660 | S.CERAMIC C2012 JB 1H 333K-T-A |
| C43 | 4030008660 | S.CERAMIC C2012 JB 1H 333K-T-A |
| C44 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C45 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C46 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C47 | 4030009580 | S.CERAMIC C1608 JB 1H 681K-T-A |
| C48 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C49 | 4030009580 | S.CERAMIC C1608 JB 1H 681K-T-A |
| C50 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C51 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C52 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C53 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C54 | 4510005370 | S.ELECTROLITIC ECEV1AA221P |
| C55 | 4510004640 | S.ELECTROLITIC ECEV1CA470P |
| C56 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C57 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C58 | 4510005380 | ELECTROLITIC 25 MV 47 HWS (5X11) |
| C59 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C60 | 4510005380 | ELECTROLITIC 25 MV 47 HWS (5X11) |
| C61 | 4510003980 | ELECTROLITIC 10 MV 100 HWS (5X11) |
| C62 | 4510003980 | ELECTROLITIC 10 MV 100 HWS (5X11) |
| C63 | 4030008660 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C64 | 4550004160 | S.TANTALUM F95 1V104MQAAQ2 |
| C65 | 4510005390 | ELECTROLITIC 35 MV 33 HWS (5X11) |
| C66 | 4510005390 | ELECTROLITIC 35 MV 33 HWS (5X11) |
| C67 | 4510005390 | ELECTROLITIC 35 MV 33 HWS (5X11) |
| C68 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C69 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C70 | 4510005300 | S.ELECTROLITIC ECEV1AA330P |
| C72 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C73 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C74 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C75 | 4550004270 | S.TANTALUM F95 1C105MQAAQ2 |
| C76 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C77 | 4550004270 | S.TANTALUM F95 1C105MQAAQ2 |
| C78 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C79 | 4030008680 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C80 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C81 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C82 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C83 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C84 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C85 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C86 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C87 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C88 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C89 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C90 | 4030005110 | S.CERAMIC C2012 JB 1E 473K-T-A |
| C91 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C92 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C93 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C94 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C95 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C96 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |

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| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|--------------------------------|
| C97 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C98 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C99 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C100 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C101 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C102 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C103 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C104 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C105 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C106 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C107 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C108 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C109 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C110 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C111 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C112 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C113 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C114 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C115 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C116 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C117 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C118 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C119 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C121 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C122 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C123 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C124 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C125 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C126 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C127 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C128 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C129 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C130 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C131 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C132 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C133 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C134 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C135 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C136 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C137 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C138 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C140 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C141 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C142 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C143 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C144 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C145 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C146 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C147 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C148 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C149 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C150 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C151 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C152 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C155 | 4030008890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C156 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C157 | 4030006800 | S.CERAMIC C1608 SL 1H 221J-T-A |
| C158 | 4550004130 | S.TANTALUM F95 1C335MSAAQ2 |
| C159 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C160 | 4030008680 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C161 | 4030008900 | S.CERAMIC C1608 JB 1E 103K-T-A |
| C162 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C163 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C164 | 4550003080 | S.TANTALUM TEMSVA 1A 335M-8L |
| C165 | 4550005980 | S.TANTALUM TEMSVA 1A 475M-8L |
| C166 | 4550005980 | S.TANTALUM TEMSVA 1A 475M-8L |
| C167 | 4550005980 | S.TANTALUM TEMSVA 1A 475M-8L |
| C168 | 4030008830 | S.CERAMIC C1608 SL 1H 331J-T-A |
| C169 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C170 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C171 | 4030008880 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C172 | 4030006900 | S.CERAMIC C1608 JB 1E 103K-T-A |
| W2 | 7030003860 | S.JUMPER ERJ3GE JPW V |
| W5 | 7030003860 | S.JUMPER ERJ3GE JPW V |

S.=Surface mount

[AF UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|---------------------|
| W6 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W7 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W8 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W9 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W10 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W11 | 7030000010 | S.JUMPER | MCR10EZHJ JPW (000) |
| W12 | 7030000010 | S.JUMPER | MCR10EZHJ JPW (000) |
| J1 | 6510014550 | S.CONNECTOR | 2-176834-4 |
| J2 | 6510014550 | S.CONNECTOR | 2-176834-4 |
| J3 | 6510014780 | CONNECTOR | 53244-1017 |
| J4 | 6510014780 | CONNECTOR | 53244-1017 |
| J5 | 6510014780 | CONNECTOR | 53244-1017 |
| J6 | 6510014780 | CONNECTOR | 53244-1017 |
| EP1 | 0910039103 | PCB | B 3805C |
| EP4 | 6910007640 | CASE | CASE-VF1-7H |

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------|
| IC1 | 1130004200 | S.IC | TC4S66F (TE85R) |
| IC2 | 1150000760 | IC | SC1091 |
| IC3 | 1110001971 | S.IC | μPC1676G-T1 |
| IC4 | 1130005810 | S.IC | BU4094BF-T1 |
| IC5 | 1130005810 | S.IC | BU4094BF-T1 |
| IC8 | 1110003090 | IC | LA4425A |
| Q1 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q2 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q3 | 1510000780 | S.TRANSISTOR | 2SA1586-Y (TE85R) |
| Q4 | 1560000540 | S.FET | 2SK880-Y (TE85R) |
| Q5 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q6 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q7 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q8 | 1520000610 | TRANSISTOR | 2SB1266 S |
| Q9 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q10 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q11 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q12 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q13 | 1580000490 | S.FET | 3SK186-2-T7 |
| Q14 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q15 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q16 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q17 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q18 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q19 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q20 | 1510000690 | S.TRANSISTOR | 2SA1734 (TE12R) |
| Q21 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q22 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q23 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q24 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q25 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q26 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q28 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q29 | 1510000690 | S.TRANSISTOR | 2SA1734 (TE12R) |
| Q30 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q31 | 1520000200 | S.TRANSISTOR | 2SB798-T2 DK |
| Q33 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q34 | 1590001330 | S.TRANSISTOR | DTA114EU T107 |
| Q35 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q36 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q37 | 1560000530 | S.FET | 2SK880-GR (TE85R) |
| Q38 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| D1 | 1790000820 | S.DIODE | MA132K(TX) |
| D2 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D3 | 1790000450 | S.DIODE | MA862(TX) |
| D4 | 1710000310 | DIODE | MI407 |

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| D5 | 1790000980 | S.DIODE | MA742(TX) |
| D6 | 1790000980 | S.DIODE | MA742(TX) |
| D9 | 1790000820 | S.DIODE | MA132K(TX) |
| D11 | 1790001000 | S.ZENER | MA8062-L(TX) |
| D12 | 1790000860 | S.DIODE | MA133(TX) |
| D13 | 1790000450 | S.DIODE | MA862(TX) |
| D14 | 1720000460 | S.VARICAP | 1SV167-T1 |
| D15 | 1720000460 | S.VARICAP | 1SV167-T1 |
| D16 | 1720000460 | S.VARICAP | 1SV167-T1 |
| D17 | 1790000450 | S.DIODE | MA862(TX) |
| D18 | 1710000730 | S.DIODE | MI809-T11 |
| D19 | 1710000730 | S.DIODE | MI809-T11 |
| D20 | 1790001010 | S.ZENER | MA8043-L(TX) |
| D21 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D22 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D23 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D24 | 1790001000 | S.ZENER | MA8062-L(TX) |
| D25 | 1750000130 | S.DIODE | DA204U T107 |
| D26 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| F11 | 2020000550 | CERAMIC | CFUM455E |
| F12 | 2010001490 | XTAL | FL-185 UM-1 41.800MHz |
| X1 | 6050008220 | XTAL | CR-411 UM-1 12.800MHz |
| X2 | 6070000100 | DISCRI | CDBM455C18 |
| X3 | 6050008170 | XTAL | CR-405 UM-1 41.345MHz |
| L1 | 6200002000 | S.COIL | NL 252018T-3R3J |
| L2 | 6200002420 | S.COIL | NL 252018T-068J |
| L3 | 6200002600 | S.COIL | NL 252018T-047J |
| L4 | 6200003880 | S.COIL | NL 252018T-022J |
| L5 | 6200002590 | S.COIL | NL 252018T-039J |
| L6 | 6200002600 | S.COIL | NL 252018T-047J |
| L7 | 6170000180 | COIL | LW-19 |
| L8 | 6110001540 | COIL | LA-234 |
| L9 | 6110001550 | COIL | LA-235 |
| L10 | 6110001540 | COIL | LA-234 |
| L11 | 6170000180 | COIL | LW-19 |
| L12 | 6200002040 | S.COIL | NL 252018T-101J |
| L13 | 6150003970 | S.COIL | LS-457 |
| L14 | 6200002640 | S.COIL | NL 252018T-R15J |
| L15 | 6150003960 | S.COIL | LS-455 |
| L16 | 6150003960 | S.COIL | LS-455 |
| L17 | 6150003960 | S.COIL | LS-455 |
| L18 | 6200002420 | S.COIL | NL 252018T-068J |
| L19 | 6200002630 | S.COIL | NL 252018T-R10J |
| L20 | 6200002630 | S.COIL | NL 252018T-R10J |
| L22 | 6110001550 | COIL | LA-235 |
| L23 | 6110001550 | COIL | LA-235 |
| L24 | 6200002420 | S.COIL | NL 252018T-068J |
| L25 | 6200002410 | S.COIL | NL 252018T-056J |
| L26 | 6200002590 | S.COIL | NL 252018T-039J |
| L27 | 6200003880 | S.COIL | NL 252018T-022J |
| L28 | 6200003880 | S.COIL | NL 252018T-022J |
| L29 | 6200002640 | S.COIL | NL 252018T-R15J |
| L30 | 6200002650 | S.COIL | NL 252018T-R18J |
| L31 | 6110001540 | COIL | LA-234 |
| R1 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R2 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R3 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R4 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R5 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R6 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R7 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R8 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R9 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R10 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R11 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R12 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R13 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R14 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |

S.=Surface mount

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| R15 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R16 | 7030003540 | S.RESISTOR | ERJ3GEYJ 682 V (6.8 kΩ) |
| R17 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R18 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R19 | 7310003630 | S.TRIMMER | EVM-1XSX50 BQ4 (473) |
| R20 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R21 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R22 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R23 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R24 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R25 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 kΩ) |
| R26 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R27 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R28 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R29 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R30 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R31 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R32 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R33 | 7030003230 | S.RESISTOR | ERJ3GEYJ 180 V (18 Ω) |
| R34 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R35 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R36 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R37 | 7030003230 | S.RESISTOR | ERJ3GEYJ 180 V (18 Ω) |
| R38 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R39 | 7520000080 | S.POSISTOR | PTH9C23 BB 471Q-T |
| R40 | 7310003610 | S.TRIMMER | EVM-1XSX50 B14 (103) |
| R41 | 7030003540 | S.RESISTOR | ERJ3GEYJ 682 V (6.8 kΩ) |
| R42 | 7030001050 | S.RESISTOR | MCR50JZHJ 22 Ω (220) |
| R44 | 7030001190 | S.RESISTOR | MCR50JZHJ 330 Ω (331) |
| R45 | 7030001130 | S.RESISTOR | MCR50JZHJ 100 Ω (101) |
| R46 | 7030000500 | S.RESISTOR | MCR10EZJH 10 kΩ (103) |
| R47 | 7030000600 | S.RESISTOR | MCR10EZJH 68 kΩ (683) |
| R48 | 7030000490 | S.RESISTOR | MCR10EZJH 8.2 kΩ (822) |
| R49 | 7030000600 | S.RESISTOR | MCR10EZJH 68 kΩ (683) |
| R51 | 7310003580 | S.TRIMMER | EVM-1XSX50 B15 (104) |
| R52 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R53 | 7030003530 | S.RESISTOR | ERJ3GEYJ 582 V (5.8 kΩ) |
| R54 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R55 | 7030003540 | S.RESISTOR | ERJ3GEYJ 682 V (6.8 kΩ) |
| R57 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R58 | 7030003310 | S.RESISTOR | ERJ3GEYJ 820 V (82 Ω) |
| R59 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R61 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R62 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R63 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R64 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R65 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R66 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R67 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R68 | 7030003550 | S.RESISTOR | ERJ3GEYJ 822 V (8.2 kΩ) |
| R69 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R70 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R71 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R72 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R73 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R74 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R75 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R76 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R77 | 7030003590 | S.RESISTOR | ERJ3GEYJ 183 V (18 kΩ) |
| R79 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R80 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R81 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R82 | 7030003220 | S.RESISTOR | ERJ3GEYJ 150 V (15 Ω) |
| R83 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R84 | 7030003220 | S.RESISTOR | ERJ3GEYJ 150 V (15 Ω) |
| R85 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R86 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R87 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R89 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R90 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R91 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R92 | 7030003650 | S.RESISTOR | ERJ3GEYJ 583 V (58 kΩ) |
| R93 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R95 | 7030000220 | S.RESISTOR | MCR10EZJH 47 Ω (470) |
| R96 | 7030000220 | S.RESISTOR | MCR10EZJH 47 Ω (470) |
| R97 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|----------------|-------------------------|
| R98 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R99 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R100 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R101 | 7030003450 | S.RESISTOR | ERJ3GEYJ 122 V (1.2 kΩ) |
| R103 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R104 | 7030003370 | S.RESISTOR | ERJ3GEYJ 271 V (270 Ω) |
| R105 | 7030003580 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R108 | 7030000420 | S.RESISTOR | MCR10EZJH 2.2 kΩ (222) |
| R109 | 7030000100 | S.RESISTOR | MCR10EZJH 4.7 Ω (4R7) |
| R110 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R112 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R113 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R114 | 7030003220 | S.RESISTOR | ERJ3GEYJ 150 V (15 Ω) |
| R115 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R116 | 7510000470 | S.THERMISTOR | TN20-2V221LT |
| R117 | 7310003610 | S.TRIMMER | EVM-1XSX50 B14 (103) |
| R118 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R119 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R120 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R121 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R122 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R123 | 7030001220 | S.RESISTOR | MCR50JZHJ 580 Ω (581) |
| R124 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R125 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R126 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R127 | 7030003380 | S.RESISTOR | ERJ3GEYJ 331 V (330 Ω) |
| R128 | 7030000140 | S.RESISTOR | MCR10EZJH 10 Ω (100) |
| R129 | 7030003530 | S.RESISTOR | ERJ3GEYJ 562 V (5.6 kΩ) |
| C1 | 4610001820 | S.TRIMMER | TZBX4P300BA110T00 |
| C2 | 4030007100 | S.CERAMIC | C1808 CH 1H 560J-T-A |
| C3 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C4 | 4030007130 | S.CERAMIC | C1808 CH 1H 101J-T-A |
| C5 | 4030007110 | S.CERAMIC | C1808 CH 1H 680J-T-A |
| C6 | 4030006960 | S.CERAMIC | C1808 CH 1H 050C-T-A |
| C7 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C8 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C9 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C10 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C11 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C12 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C13 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C14 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C15 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C16 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C17 | 4510004630 | S.ELECTROLITIC | ECEV1CA100R |
| C18 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C19 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C20 | 4030006660 | S.CERAMIC | C1808 SL 1H 220J-T-A |
| C21 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C22 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C23 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C24 | 4030006570 | S.CERAMIC | C1808 SL 1H 060D-T-A |
| C25 | 4030006610 | S.CERAMIC | C1808 SL 1H 100D-T-A |
| C26 | 4030006860 | S.CERAMIC | C1808 SL 1H 220J-T-A |
| C27 | 4030006620 | S.CERAMIC | C1808 SL 1H 120J-T-A |
| C28 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C29 | 4030006660 | S.CERAMIC | C1808 SL 1H 220J-T-A |
| C30 | 4030006540 | S.CERAMIC | C1808 SL 1H 030C-T-A |
| C31 | 4030008440 | S.CERAMIC | C1808 SL 1H 1R5C-T-A |
| C32 | 4030006510 | S.CERAMIC | C1808 SL 1H 0R5C-T-A |
| C33 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C34 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C35 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C36 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C37 | 4550004140 | S.TANTALUM | F95 1C106MWCAQ2 |
| C38 | 4030006640 | S.CERAMIC | C1808 SL 1H 180J-T-A |
| C39 | 4550004140 | S.TANTALUM | F95 1C106MWCAQ2 |
| C40 | 4030006640 | S.CERAMIC | C1808 SL 1H 180J-T-A |
| C41 | 4550004140 | S.TANTALUM | F95 1C106MWCAQ2 |
| C42 | 4010003820 | CERAMIC | DD08 SL 050C 500V |
| C43 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C44 | 4550004140 | S.TANTALUM | F95 1C106MWCAQ2 |
| C45 | 4030006860 | S.CERAMIC | C1808 JB 1H 102K-T-A |
| C46 | 4550004140 | S.TANTALUM | F95 1C106MWCAQ2 |

S.=Surface mount

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|--------------------------------|
| C47 | 4010004120 | CERAMIC DD07 B 102K 500V |
| C49 | 4010005330 | CERAMIC DD05 SL 380K 500V |
| C50 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C51 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C52 | 4010005330 | CERAMIC DD05 SL 380K 500V |
| C53 | 4010003940 | CERAMIC DD06 SL 300K 500V |
| C54 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C55 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C56 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C57 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C58 | 4510004600 | ELECTROLITIC 18 MV 1000 HC |
| C59 | 4030004760 | S.CERAMIC C2012 JF 1E 104Z-T-A |
| C60 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C61 | 4030006590 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C62 | 4030006590 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C63 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C64 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C65 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C66 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C67 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C68 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C69 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C70 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C71 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C72 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C73 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C74 | 4030006700 | S.CERAMIC C1608 SL 1H 390J-T-A |
| C75 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C76 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C77 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C78 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C79 | 4030006560 | S.CERAMIC C1608 SL 1H 050C-T-A |
| C80 | 4030006890 | S.CERAMIC C1608 SL 1H 330J-T-A |
| C82 | 4030006510 | S.CERAMIC C1608 SL 1H 0R5C-T-A |
| C83 | 4030006860 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C84 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C85 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C86 | 4030006510 | S.CERAMIC C1608 SL 1H 0R5C-T-A |
| C87 | 4030006890 | S.CERAMIC C1608 SL 1H 330J-T-A |
| C89 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C90 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C91 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C92 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C93 | 4030006700 | S.CERAMIC C1608 SL 1H 390J-T-A |
| C94 | 4030006660 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C95 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C96 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C97 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C98 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C100 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C101 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C102 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C103 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C104 | 4030006750 | S.CERAMIC C1608 SL 1H 101J-T-A |
| C107 | 4030006520 | S.CERAMIC C1608 SL 1H 010C-T-A |
| C108 | 4030006830 | S.CERAMIC C1608 SL 1H 150J-T-A |
| C110 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C111 | 4030006670 | S.CERAMIC C1608 SL 1H 270J-T-A |
| C112 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C113 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C114 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C115 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C116 | 4030006860 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C117 | 4030006860 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C118 | 4030006750 | S.CERAMIC C1608 SL 1H 101J-T-A |
| C119 | 4030006830 | S.CERAMIC C1608 SL 1H 150J-T-A |
| C120 | 4030006830 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C121 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C122 | 4030006690 | S.CERAMIC C1608 SL 1H 330J-T-A |
| C123 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C124 | 4030006570 | S.CERAMIC C1608 SL 1H 060D-T-A |
| C125 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C127 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C128 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C129 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C130 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |

[MAIN-A UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|---------------------------------|
| C131 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C132 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C133 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C134 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C135 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C136 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C137 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C138 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C139 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C140 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C142 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C143 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C144 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C145 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C146 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C147 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C148 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C149 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C150 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C154 | 4030008680 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C155 | 4510005950 | S.ELECTROLITIC ECEV1HA0R1R |
| C158 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C159 | 4510004590 | ELECTROLITIC 16 MV 470 HC |
| C160 | 4510005370 | S.ELECTROLITIC ECEV1AA221P |
| C161 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |
| C163 | 4030006590 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C165 | 4030008620 | S.CERAMIC C1608 SL 1H 120J-T-A |
| C166 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C167 | 4030006900 | S.CERAMIC C1608 JB 1E 103K-T-A |
| C168 | 4550004080 | S.TANTALUM F95 0J106MSAAQ2 |
| C170 | 4010003910 | CERAMIC DD06 SL 220K 500V |
| C171 | 4550004080 | S.TANTALUM F95 0J106MSAAQ2 |
| C172 | 4550004330 | S.TANTALUM F95 1C336MGC |
| W4 | 7030003860 | S.JUMPER ERJ3GE JPW V |
| J1 | 6510014710 | CONNECTOR 52330-1017 |
| J2 | 6510014710 | CONNECTOR 52330-1017 |
| J3 | 6510014960 | S.CONNECTOR B2B-ZR-SM3-TF |
| J4 | 6510014960 | S.CONNECTOR B2B-ZR-SM3-TF |
| J5 | 6450001330 | CONNECTOR HSJ1332-01-020 [SP-1] |
| J6 | 6510007080 | CONNECTOR PI28A-02M |
| J7 | 6510014790 | CONNECTOR 53253-0210 |
| EP1 | 0910039084 | PCB B 3803D |

[PLL-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|---------------------------------|
| IC1 | 1130005700 | S.IC M56760FP |
| IC2 | 1130004200 | S.IC TC4S66F (TE85R) |
| Q2 | 1560000530 | S.FET 2SK880-GR (TE85R) |
| Q3 | 1530003010 | S.TRANSISTOR 2SC4117-GR (TE85R) |
| Q5 | 1590001810 | S.TRANSISTOR UMH10 TN |
| Q6 | 1560000490 | S.FET 2SK508 K52 T2B |
| Q7 | 1530002940 | S.TRANSISTOR 2SC4228-T2 R44 |
| Q8 | 1530002940 | S.TRANSISTOR 2SC4228-T2 R44 |
| D1 | 1720000220 | S.VARICAP 1SV166-T2B |
| D2 | 1720000460 | S.VARICAP 1SV167-T1 |
| L1 | 6200001560 | S.COIL LER 015T R68M |
| L2 | 6200001570 | S.COIL LER 015T 1R0M |
| L3 | 6200002600 | S.COIL NL 252018T-047J |
| L4 | 6200001570 | S.COIL LER 015T 1R0M |
| L5 | 6200001570 | S.COIL LER 015T 1R0M |

S.=Surface mount

[PLL-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| R1 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R2 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R3 | 7030003510 | S.RESISTOR | ERJ3GEYJ 392 V (3.9 kΩ) |
| R7 | 7030003540 | S.RESISTOR | ERJ3GEYJ 682 V (6.8 kΩ) |
| R8 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R9 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R10 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R11 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R12 | 7030000460 | S.RESISTOR | MCR10EZHJ 4.7 kΩ (472) |
| R13 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R14 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R15 | 7030003450 | S.RESISTOR | ERJ3GEYJ 122 V (1.2 kΩ) |
| R16 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R19 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R20 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R21 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R22 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 kΩ) |
| R23 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R24 | 7030003380 | S.RESISTOR | ERJ3GEYJ 331 V (330 Ω) |
| R28 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 kΩ) |
| R29 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R30 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R31 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R32 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R33 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C5 | 4030008760 | S.CERAMIC | C2012 X7R 1C 104K-T-A |
| C6 | 4030006880 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C7 | 4550002980 | S.TANTALUM | TEMSVA 1C 225M-8L |
| C8 | 4550002980 | S.TANTALUM | TEMSVA 1C 225M-8L |
| C9 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C10 | 4550000530 | S.TANTALUM | TESVA 1V 104M1-8L |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C13 | 4030007150 | S.CERAMIC | C1608 CH 1H 151J-T-A |
| C14 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C15 | 4030006970 | S.CERAMIC | C1608 CH 1H 060D-T-A |
| C16 | 4030006910 | S.CERAMIC | C1608 CH 1H 0R5C-T-A |
| C19 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C20 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C22 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C23 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C24 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C25 | 4030006670 | S.CERAMIC | C1608 SL 1H 270J-T-A |
| C26 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C27 | 4550000530 | S.TANTALUM | TESVA 1V 104M1-8L |
| W1 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| EP1 | 0910042323 | PCB | B 3739C |
| EP2 | 6510008580 | LEADFRAM | PT2.0-0.7-16.5 (K) |

[VCO-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|------------------------|
| Q1 | 1560000490 | S.FET | 2SK508 K52 T2B |
| Q2 | 1590001620 | S.TRANSISTOR | UN521F(TX) |
| D1 | 1720000460 | S.VARICAP | 1SV167-T1 |
| L1 | 6200001580 | S.COIL | LER 015T 1R8M |
| L3 | 6200001580 | S.COIL | LER 015T 1R8M |
| L4 | 6130002620 | S.COIL | LB-291 |
| L5 | 6200001230 | S.COIL | MLF2012A 1R0M-T |
| R1 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |

[VCO-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|------------------------|
| R2 | 7030003670 | S.RESISTOR | ERJ3GEYJ 823 V (82 kΩ) |
| R3 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R4 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R5 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R6 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R7 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R8 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C2 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C9 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C10 | 4030006920 | S.CERAMIC | C1608 CH 1H 010C-T-A |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C12 | 4030007080 | S.CERAMIC | C1608 CH 1H 390J-T-A |
| EP1 | 0910042331 | PCB | B 3546A |
| EP2 | 6510008580 | LEADFRAM | PT2.0-0.7-16.5 (K) |

[YGR-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| Q1 | 1530002340 | S.TRANSISTOR | 2SC2954-T2B |
| Q2 | 1530002340 | S.TRANSISTOR | 2SC2954-T2B |
| D1 | 1790000860 | S.DIODE | MA133(TX) |
| D2 | 1790000590 | S.DIODE | MA110(TW) |
| L1 | 6200002590 | S.COIL | NL 252018T-039J |
| L2 | 6200002430 | S.COIL | NL 252018T-082J |
| L3 | 6200002580 | S.COIL | NL 252018T-033J |
| L4 | 6200002420 | S.COIL | NL 252018T-068J |
| R1 | 7030003450 | S.RESISTOR | ERJ3GEYJ 122 V (1.2 kΩ) |
| R2 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R3 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R4 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R5 | 7030003430 | S.RESISTOR | ERJ3GEYJ 821 V (820 Ω) |
| R6 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R7 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| C1 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C2 | 4030006540 | S.CERAMIC | C1608 SL 1H 030C-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006810 | S.CERAMIC | C1608 SL 1H 100D-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 SL 1H 300J-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C9 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C10 | 4030006860 | S.CERAMIC | C1608 SL 1H 220J-T-A |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| EP1 | 0910042342 | PCB | B 3543B |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

S.=Surface mount

[APC-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| IC1 | 1110003340 | S.IC | μPC358GR-T1 |
| Q1 | 1530002280 | S.TRANSISTOR | 2SC4081 T107 S |
| Q2 | 1590001320 | S.TRANSISTOR | DTC143ZU T107 |
| D1 | 1790001000 | S.ZENER | MA8062-L(TX) |
| R1 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R2 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R3 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R4 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R5 | 7030003790 | S.RESISTOR | ERJ3GEYJ 824 V (820 kΩ) |
| R6 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R7 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R8 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R9 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R10 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R11 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R12 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C2 | 4550004230 | S.TANTALUM | F95 1A106MTAAQ2 |
| C3 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| EP1 | 0910042352 | PCB | B 3542B |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

[IF-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| IC1 | 1110002780 | S.IC | MC3371DR |
| IC2 | 1110002750 | S.IC | TA75S01F (TE85R) |
| IC3 | 1110000960 | S.IC | NJM4558M(T1) |
| Q1 | 1590001450 | S.FET | 2SJ144-GR (TE85R) |
| Q5 | 1560000540 | S.FET | 2SK880-Y (TE85R) |
| Q7 | 1590001800 | S.TRANSISTOR | UMH2 TN |
| Q8 | 1530002690 | S.TRANSISTOR | 2SC4116-GR (TE85R) |
| Q9 | 1590001790 | S.TRANSISTOR | UN511D(TX) |
| D1 | 1790000980 | S.DIODE | MA742(TX) |
| D2 | 1790000980 | S.DIODE | MA742(TX) |
| L1 | 6200002090 | S.COIL | ELJFB 681K-F |
| R1 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R2 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R5 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R6 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R7 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R10 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R11 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R12 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R13 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R14 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R15 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R16 | 7030003830 | S.RESISTOR | ERJ3GEYJ 185 V (1.8 MΩ) |
| R18 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R19 | 7030003510 | S.RESISTOR | ERJ3GEYJ 392 V (3.9 kΩ) |

[IF-A BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| R20 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R21 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R22 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R23 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R24 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R26 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R27 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R28 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R29 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R30 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R31 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R32 | 7510000820 | S.THERMISTOR | NTCCS2012 4CH 154KC-T |
| C1 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C2 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006860 | S.CERAMIC | C1608 SL 1H 330J-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C7 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C8 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C9 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C10 | 4550004700 | S.TANTALUM | F95 1V474MQAAQ2 |
| C11 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C12 | 4030006870 | S.CERAMIC | C1608 JB 1H 222K-T-A |
| C13 | 4030009580 | S.CERAMIC | C1608 JB 1H 681K-T-A |
| C14 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C15 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C16 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C17 | 4030006470 | S.CERAMIC | C2012 JB 1H 153K-T-A |
| C18 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C19 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C20 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C21 | 4030006780 | S.CERAMIC | C1608 SL 1H 181J-T-A |
| C22 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C23 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C24 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C25 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C26 | 4030006830 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C27 | 4030006880 | S.CERAMIC | C1608 JB 1H 472K-T-A |
| C28 | 4030006870 | S.CERAMIC | C1608 JB 1H 222K-T-A |
| C29 | 4030006880 | S.CERAMIC | C1608 JB 1H 472K-T-A |
| C30 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| EP1 | 0910042430 | PCB | B 4206 |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------|
| IC1 | 1130004200 | S.IC | TC4S68F (TE85R) |
| IC2 | 1150000750 | IC | SC1054 |
| IC3 | 1110001971 | S.IC | μPC1876G-T1 |
| IC4 | 1130005810 | S.IC | BU4094BF-T1 |
| IC5 | 1130005810 | S.IC | BU4094BF-T1 |
| IC7 | 1130005820 | S.IC | TC4S584F(TE85R) |
| IC8 | 1110003090 | IC | LA4425A |
| IC9 | 1110002750 | S.IC | TA75S01F (TE85R) |
| Q2 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q3 | 1510000780 | S.TRANSISTOR | 2SA1586-Y (TE85R) |
| Q4 | 1560000540 | S.FET | 2SK880-Y (TE85R) |
| Q5 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q6 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q7 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q8 | 1520000860 | TRANSISTOR | 2SB1184 Q |
| Q9 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q10 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q11 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q12 | 1560000650 | S.FET | 2SK1577-2-T7 |

S.=Surface mount

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-----------------------|
| Q13 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q14 | 1580000490 | S.FET | 3SK186-2-T7 |
| Q15 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q16 | 1580000480 | S.FET | 3SK184-S (TX) |
| Q17 | 1530002920 | S.TRANSISTOR | 2SC4226-T2 R25 |
| Q18 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q19 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q20 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q21 | 1510000690 | S.TRANSISTOR | 2SA1734 (TE12R) |
| Q22 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q23 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q24 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q25 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q26 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q27 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q28 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q29 | 1590001040 | S.TRANSISTOR | DTA113ZU T107 |
| Q31 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q32 | 1510000690 | S.TRANSISTOR | 2SA1734 (TE12R) |
| Q33 | 1590001600 | S.TRANSISTOR | UMD3 TL |
| Q34 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q35 | 1590001330 | S.TRANSISTOR | DTA114EU T107 |
| Q36 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q37 | 1590000680 | S.TRANSISTOR | DTC114EU T107 |
| Q38 | 1560000530 | S.FET | 2SK880-GR (TE85R) |
| Q39 | 1530002840 | S.TRANSISTOR | 2SC4116-Y (TE85R) |
| Q40 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| Q45 | 1530002940 | S.TRANSISTOR | 2SC4228-T2 R44 |
| D2 | 1790000820 | S.DIODE | MA132K(TX) |
| D3 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| D4 | 1790000620 | S.DIODE | MA77(TW) |
| D5 | 1790000450 | S.DIODE | MA862(TX) |
| D6 | 1710000310 | DIODE | MI407 |
| D7 | 1790000980 | S.DIODE | MA742(TX) |
| D8 | 1790000980 | S.DIODE | MA742(TX) |
| D9 | 1790000700 | DIODE | DSA3A1 |
| D11 | 1790000820 | S.DIODE | MA132K(TX) |
| D13 | 1790001000 | S.ZENER | MA8062-L(TX) |
| D15 | 1790000450 | S.DIODE | MA862(TX) |
| D16 | 1790000450 | S.DIODE | MA862(TX) |
| D17 | 1710000730 | S.DIODE | MI809-T11 |
| D18 | 1710000730 | S.DIODE | MI809-T11 |
| D19 | 1790001010 | S.ZENER | MA8043-L(TX) |
| D20 | 1720000270 | S.VARICAP | 1SV217 (TPH2) |
| D21 | 1720000270 | S.VARICAP | 1SV217 (TPH2) |
| D22 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D23 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D24 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D25 | 1750000270 | S.DIODE | 1SS301 (TE85R) |
| D27 | 1720000270 | S.VARICAP | 1SV217 (TPH2) |
| D28 | 1750000260 | S.DIODE | 1SS352 (TPH3) |
| FI1 | 2020000550 | CERAMIC | CFUM455E |
| FI2 | 2010001500 | XTAL | FL-186 UM-1 42.250MHz |
| FI3 | 2040000570 | DIELECTR | TUCF2A0435W014B03 |
| FI4 | 2040000570 | DIELECTR | TUCF2A0435W014B03 |
| X1 | 6050007410 | XTAL | CR-335 |
| X2 | 6070000100 | DISCRI | CDBM455C18 |
| X3 | 6050008180 | XTAL | CR-406 UM-1 42.705MHz |
| L1 | 6200002580 | S.COIL | NL 252018T-033J |
| L2 | 6200003560 | S.COIL | NL 252018T-018J |
| L3 | 6200003560 | S.COIL | NL 252018T-018J |
| L4 | 6200002000 | S.COIL | NL 252018T-3R3J |
| L5 | 6200002420 | S.COIL | NL 252018T-086J |
| L7 | 6170000180 | COIL | LW-19 |
| L8 | 6110001520 | COIL | LA-232 |
| L12 | 6150003980 | S.COIL | LS-458 |
| L13 | 6200003560 | S.COIL | NL 252018T-018J |
| L14 | 6200002590 | S.COIL | NL 252018T-039J |

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| L15 | 6200001980 | S.COIL | NL 252018T-1R0J |
| L16 | 6200002600 | S.COIL | NL 252018T-047J |
| L17 | 6200003880 | S.COIL | NL 252018T-022J |
| L18 | 6200003880 | S.COIL | NL 252018T-022J |
| L19 | 6200002600 | S.COIL | NL 252018T-047J |
| L20 | 6200003880 | S.COIL | NL 252018T-022J |
| L21 | 6200003560 | S.COIL | NL 252018T-018J |
| L22 | 6200003860 | S.COIL | NL 252018T-010J |
| L24 | 6110001520 | COIL | LA-232 |
| L25 | 6110001520 | COIL | LA-232 |
| L26 | 6200003880 | S.COIL | NL 252018T-022J |
| L27 | 6200003880 | S.COIL | NL 252018T-022J |
| L28 | 6200002640 | S.COIL | NL 252018T-R15J |
| L29 | 6150003980 | S.COIL | LS-455 |
| L30 | 6150003960 | S.COIL | LS-455 |
| L31 | 6200002600 | S.COIL | NL 252018T-047J |
| L32 | 6200003860 | S.COIL | NL 252018T-010J |
| L33 | 6200002610 | S.COIL | NL 252018T-R47J |
| L34 | 6200002180 | S.COIL | NL 252018T-R12J |
| L40 | 6110001520 | COIL | LA-232 |
| L41 | 6110001520 | COIL | LA-232 |
| L42 | 6110001520 | COIL | LA-232 |
| L43 | 6110001520 | COIL | LA-232 |
| R4 | 7030003590 | S.RESISTOR | ERJ3GEYJ 183 V (18 kΩ) |
| R5 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R6 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R7 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R8 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R9 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R10 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R11 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R12 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R13 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R14 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R15 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R17 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R18 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R19 | 7310003630 | S.TRIMMER | EVM-1XSX50 BQ4 (473) |
| R20 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R21 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R22 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R23 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R24 | 7030000260 | S.RESISTOR | MCR10EZJH 100 Ω (101) |
| R25 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R26 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R27 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R28 | 7030003420 | S.RESISTOR | ERJ3GEYJ 681 V (680 Ω) |
| R29 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R30 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R31 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R32 | 7030003220 | S.RESISTOR | ERJ3GEYJ 150 V (15 Ω) |
| R34 | 7030003260 | S.RESISTOR | ERJ3GEYJ 330 V (33 Ω) |
| R35 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R37 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R38 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R39 | 7030003200 | S.RESISTOR | ERJ3GEYJ 100 V (10 Ω) |
| R40 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R41 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R42 | 7310003590 | S.TRIMMER | EVM-1XSX50 B24 (203) |
| R43 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R44 | 7030001050 | S.RESISTOR | MCR50JZHJ 22 Ω (220) |
| R46 | 7030001190 | S.RESISTOR | MCR50JZHJ 330 Ω (331) |
| R47 | 7030001130 | S.RESISTOR | MCR50JZHJ 100 Ω (101) |
| R48 | 7030000420 | S.RESISTOR | MCR10EZJH 2.2 kΩ (222) |
| R49 | 7030000280 | S.RESISTOR | MCR10EZJH 150 Ω (151) |
| R50 | 7030000420 | S.RESISTOR | MCR10EZJH 2.2 kΩ (222) |
| R51 | 7030000280 | S.RESISTOR | MCR10EZJH 150 Ω (151) |
| R53 | 7310003580 | S.TRIMMER | EVM-1XSX50 B15 (104) |
| R54 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R55 | 7030003530 | S.RESISTOR | ERJ3GEYJ 562 V (5.6 kΩ) |
| R56 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R57 | 7030003840 | S.RESISTOR | ERJ3GEYJ 225 V (2.2 MΩ) |
| R58 | 7030000250 | S.RESISTOR | MCR10EZJH 82 Ω (820) |
| R59 | 7030003250 | S.RESISTOR | ERJ3GEYJ 270 V (27 Ω) |

S.=Surface mount

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|------------------------------------|
| R61 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R65 | 7030003420 | S.RESISTOR ERJ3GEYJ 681 V (680 Ω) |
| R66 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R67 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R68 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R69 | 7030003360 | S.RESISTOR ERJ3GEYJ 221 V (220 Ω) |
| R70 | 7030003600 | S.RESISTOR ERJ3GEYJ 102 V (22 kΩ) |
| R71 | 7030003280 | S.RESISTOR ERJ3GEYJ 470 V (47 Ω) |
| R72 | 7030003360 | S.RESISTOR ERJ3GEYJ 221 V (220 Ω) |
| R73 | 7030003240 | S.RESISTOR ERJ3GEYJ 220 V (22 Ω) |
| R74 | 7030003280 | S.RESISTOR ERJ3GEYJ 470 V (47 Ω) |
| R76 | 7030003280 | S.RESISTOR ERJ3GEYJ 470 V (47 Ω) |
| R77 | 7030003310 | S.RESISTOR ERJ3GEYJ 820 V (82 Ω) |
| R78 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R79 | 7030003620 | S.RESISTOR ERJ3GEYJ 333 V (33 kΩ) |
| R80 | 7030003500 | S.RESISTOR ERJ3GEYJ 332 V (3.3 kΩ) |
| R81 | 7030003520 | S.RESISTOR ERJ3GEYJ 472 V (4.7 kΩ) |
| R82 | 7030000240 | S.RESISTOR MCR10EZHJ 68 Ω (680) |
| R83 | 7030003270 | S.RESISTOR ERJ3GEYJ 390 V (39 Ω) |
| R84 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R85 | 7030003440 | S.RESISTOR ERJ3GEYJ 102 V (1 kΩ) |
| R86 | 7030003200 | S.RESISTOR ERJ3GEYJ 100 V (10 Ω) |
| R87 | 7030003430 | S.RESISTOR ERJ3GEYJ 821 V (820 Ω) |
| R88 | 7030004030 | S.RESISTOR ERJ3GEYJ 5R8 V (5.6 Ω) |
| R89 | 7030003430 | S.RESISTOR ERJ3GEYJ 821 V (820 Ω) |
| R90 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R91 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R92 | 7030003540 | S.RESISTOR ERJ3GEYJ 682 V (6.8 kΩ) |
| R93 | 7030003250 | S.RESISTOR ERJ3GEYJ 270 V (27 Ω) |
| R94 | 7030003250 | S.RESISTOR ERJ3GEYJ 270 V (27 Ω) |
| R95 | 7030003280 | S.RESISTOR ERJ3GEYJ 470 V (47 Ω) |
| R97 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R98 | 7030003620 | S.RESISTOR ERJ3GEYJ 333 V (33 kΩ) |
| R101 | 7030003370 | S.RESISTOR ERJ3GEYJ 271 V (270 Ω) |
| R102 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R103 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R104 | 7030003590 | S.RESISTOR ERJ3GEYJ 183 V (18 kΩ) |
| R105 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R106 | 7030003280 | S.RESISTOR ERJ3GEYJ 470 V (47 Ω) |
| R107 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R108 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R109 | 7030003470 | S.RESISTOR ERJ3GEYJ 182 V (1.8 kΩ) |
| R110 | 7030003510 | S.RESISTOR ERJ3GEYJ 392 V (3.9 kΩ) |
| R112 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R113 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R114 | 7030003370 | S.RESISTOR ERJ3GEYJ 271 V (270 Ω) |
| R115 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R117 | 7030003430 | S.RESISTOR ERJ3GEYJ 821 V (820 Ω) |
| R118 | 7520000080 | S.POSISTOR PTH9C23 BB 471Ω-T |
| R120 | 7030000420 | S.RESISTOR MCR10EZHJ 2.2 kΩ (222) |
| R121 | 7030000100 | S.RESISTOR MCR10EZHJ 4.7 Ω (4R7) |
| R124 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R125 | 7030003500 | S.RESISTOR ERJ3GEYJ 332 V (3.3 kΩ) |
| R126 | 7030003640 | S.RESISTOR ERJ3GEYJ 473 V (47 kΩ) |
| R127 | 7510000470 | S.THERMISTOR TN20-2V221LT |
| R128 | 7310003610 | S.TRIMMER EVM-1XSX50 B14 (103) |
| R129 | 7030003630 | S.RESISTOR ERJ3GEYJ 393 V (39 kΩ) |
| R130 | 7030003640 | S.RESISTOR ERJ3GEYJ 473 V (47 kΩ) |
| R132 | 7030003640 | S.RESISTOR ERJ3GEYJ 473 V (47 kΩ) |
| R133 | 7030003200 | S.RESISTOR ERJ3GEYJ 100 V (10 Ω) |
| R135 | 7030003520 | S.RESISTOR ERJ3GEYJ 472 V (4.7 kΩ) |
| R136 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R137 | 7030003560 | S.RESISTOR ERJ3GEYJ 103 V (10 kΩ) |
| R138 | 7510000620 | S.THERMISTOR TN20-4C104LT |
| R139 | 7030003520 | S.RESISTOR ERJ3GEYJ 472 V (4.7 kΩ) |
| R140 | 7030003740 | S.RESISTOR ERJ3GEYJ 334 V (330 kΩ) |
| R141 | 7030003520 | S.RESISTOR ERJ3GEYJ 472 V (4.7 kΩ) |
| R142 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R143 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R144 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R145 | 7030003680 | S.RESISTOR ERJ3GEYJ 104 V (100 kΩ) |
| R150 | 7030003320 | S.RESISTOR ERJ3GEYJ 101 V (100 Ω) |
| R151 | 7030003630 | S.RESISTOR ERJ3GEYJ 393 V (39 kΩ) |
| R152 | 7030003800 | S.RESISTOR ERJ3GEYJ 105 V (1 MΩ) |
| R153 | 7030003530 | S.RESISTOR ERJ3GEYJ 562 V (5.6 kΩ) |

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|--------------------------------|
| C3 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C5 | 4030006980 | S.CERAMIC C1608 CH 1H 070D-T-A |
| C6 | 4030006960 | S.CERAMIC C1608 CH 1H 050C-T-A |
| C8 | 4030006630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C9 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C10 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C11 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C12 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C13 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C14 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C15 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C16 | 4510005300 | S.ELECTROLITIC ECEV1AA330P |
| C17 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C18 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C19 | 4030006860 | S.CERAMIC C2012 JF 1C 105Z-T-A |
| C20 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C21 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C22 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C23 | 4030006570 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C24 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C25 | 4030006630 | S.CERAMIC C1608 SL 1H 150J-T-A |
| C26 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C27 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C28 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C29 | 4030006660 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C30 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C31 | 4030006660 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C32 | 4030006660 | S.CERAMIC C1608 SL 1H 220J-T-A |
| C33 | 4030006570 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C34 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C35 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C36 | 4550004140 | S.TANTALUM F95 1C106MWCAQ2 |
| C39 | 4550004140 | S.TANTALUM F95 1C106MWCAQ2 |
| C40 | 4550004140 | S.TANTALUM F95 1C106MWCAQ2 |
| C41 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C42 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C43 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C44 | 4550004140 | S.TANTALUM F95 1C106MWCAQ2 |
| C45 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C46 | 4010003810 | CERAMIC DD06 SL 040C 500V |
| C47 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C48 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C49 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C50 | 4010004110 | CERAMIC DD05 B 471K 500V |
| C51 | 4010003850 | CERAMIC DD06 SL 080D 500V |
| C52 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C53 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C54 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C55 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C56 | 4010003850 | CERAMIC DD06 SL 080D 500V |
| C58 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C59 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C60 | 4510004600 | ELECTROLITIC 16 MV 1000 HC |
| C61 | 4030004760 | S.CERAMIC C2012 JF 1E 104Z-T-A |
| C62 | 4030006630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C63 | 4030006990 | S.CERAMIC C1608 CH 1H 080D-T-A |
| C64 | 4030006990 | S.CERAMIC C1608 CH 1H 080D-T-A |
| C65 | 4030007170 | S.CERAMIC C1608 CH 1H 221J-T-A |
| C66 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C67 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C68 | 4030006890 | S.CERAMIC C1608 JF 1H 103Z-T-A |
| C69 | 4510004630 | S.ELECTROLITIC ECEV1CA100R |
| C70 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C71 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C74 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C75 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C76 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C77 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C78 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C79 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C80 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C81 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C82 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C83 | 4030006520 | S.CERAMIC C1608 SL 1H 010C-T-A |
| C84 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C85 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |

S.=Surface mount

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|---------------------------------|
| C86 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C87 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C88 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C90 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C91 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C92 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C93 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C94 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C95 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C96 | 4610001810 | S.TRIMMER TZBX4Z030BA110T00 |
| C97 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C98 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C99 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C100 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C101 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C102 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C103 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C104 | 4030006560 | S.CERAMIC C1608 SL 1H 050C-T-A |
| C105 | 4030006610 | S.CERAMIC C1608 SL 1H 100D-T-A |
| C106 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C107 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C108 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C109 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C110 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C111 | 4030006580 | S.CERAMIC C1608 SL 1H 070D-T-A |
| C112 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C113 | 4030006560 | S.CERAMIC C1608 SL 1H 050C-T-A |
| C114 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C115 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C123 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C124 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C125 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C127 | 4030006640 | S.CERAMIC C1608 SL 1H 180J-T-A |
| C128 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C129 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C132 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C133 | 4030006540 | S.CERAMIC C1608 SL 1H 030C-T-A |
| C134 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C135 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C136 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C137 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C138 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C139 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C140 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C141 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C142 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C143 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C144 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C145 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C146 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C147 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C148 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C149 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C151 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C152 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C153 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C154 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C155 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C156 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C157 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C158 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C159 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C160 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C161 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C162 | 4030008860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C163 | 4030006590 | S.CERAMIC C1608 SL 1H 080D-T-A |
| C164 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C166 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C167 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C168 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C169 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C173 | 4510005950 | S.ELECTROLITIC ECEV1HA0R1R |
| C174 | 4030008630 | S.CERAMIC C1608 JF 1C 104Z-T-A |
| C175 | 4510004590 | ELECTROLITIC 16 MV 470 HC |
| C176 | 4510005370 | S.ELECTROLITIC ECEV1AA221P |
| C177 | 4030008760 | S.CERAMIC C2012 X7R 1C 104K-T-A |

[MAIN-B UNIT]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|--|
| C178 | 4030006690 | S.CERAMIC C1608 SL 1H 330J-T-A |
| C179 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C180 | 4030006710 | S.CERAMIC C1608 SL 1H 470J-T-A |
| C182 | 4030006900 | S.CERAMIC C1608 JB 1E 103K-T-A |
| C183 | 4550004060 | S.TANTALUM F95 0J108MSAAQ2 |
| C184 | 4550004230 | S.TANTALUM F95 1A106MTAAQ2 |
| C185 | 4510005300 | S.ELECTROLITIC ECEV1AA330P |
| C186 | 4550004140 | S.TANTALUM F95 1C106MWCAQ2 |
| C187 | 4550004060 | S.TANTALUM F95 0J108MSAAQ2 |
| C188 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C189 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C190 | 4030006630 | S.CERAMIC C1608 SL 1C 104Z-T-A |
| C191 | 4030006520 | S.CERAMIC C1608 SL 1H 010C-T-A (USA) |
| C191 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A (EUR, ITA, KOR, AUS, SEA) |
| C192 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C193 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C194 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C195 | 4030006530 | S.CERAMIC C1608 SL 1H 020C-T-A |
| C196 | 4030006850 | S.CERAMIC C1608 JB 1H 471K-T-A |
| C197 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C198 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C199 | 4030006850 | S.CERAMIC C1608 JB 1H 471K-T-A |
| C200 | 4030006850 | S.CERAMIC C1608 JB 1H 471K-T-A |
| C210 | 4010003840 | CERAMIC DD06 SL 070D 500V |
| C211 | 4010003820 | CERAMIC DD06 SL 050C 500V |
| C212 | 4010005320 | CERAMIC DD05 CH 090D 500V |
| C214 | 4030006670 | S.CERAMIC C1608 SL 1H 270J-T-A |
| C215 | 4030010140 | S.CERAMIC GR42-2 CH 040C 500PT |
| C216 | 4030009900 | S.CERAMIC GR42-2 CK 020C 500PT |
| C217 | 4030010130 | S.CERAMIC GR42-2 CJ 030C 500PT |
| C220 | 4010005320 | CERAMIC DD05 CH 090D 500V |
| C221 | 4030004440 | S.CERAMIC C2012 SL 1H 070D-T-A |
| C222 | 4030006860 | S.CERAMIC C1608 JB 1H 102K-T-A |
| C223 | 4030006750 | S.CERAMIC C1608 SL 1H 101J-T-A |
| W4 | 8900002450 | CABLE OPC-223 [ANT] |
| W5 | 8900004520 | CABLE OPC-373A |
| W6 | 8900004520 | CABLE OPC-373A |
| W7 | 8900003780 | CABLE OPC-371 [DC13.8V] |
| W8 | 7030003860 | S.JUMPER ERJ3GE JPW V |
| W9 | 7030003860 | S.JUMPER ERJ3GE JPW V |
| W10 | 7120000380 | JUMPER JPW 01 R-01 |
| W11 | 7030003860 | S.JUMPER ERJ3GE JPW V |
| W12 | 7120000380 | JUMPER JPW 01 R-01 |
| J1 | 6510014710 | CONNECTOR 52330-1017 |
| J2 | 6510014710 | CONNECTOR 52330-1017 |
| J4 | 6510014960 | S.CONNECTOR B2B-ZR-SM3-TF |
| J5 | 6510014960 | S.CONNECTOR B2B-ZR-SM3-TF |
| J8 | 6450001330 | CONNECTOR HJSJ1332-01-020 [SP-2] |
| EP1 | 0910039094 | PCB B 3804D |

[PLL-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION |
|----------|------------|---------------------------------|
| IC1 | 1130005700 | S.IC M56760FP |
| Q2 | 1560000530 | S.FET 2SK880-GR (TE85R) |
| Q3 | 1530003010 | S.TRANSISTOR 2SC4117-GR (TE85R) |
| Q5 | 1590001610 | S.TRANSISTOR UMH10 TN |
| Q6 | 1560000490 | S.FET 2SK508 K52 T2B |
| Q7 | 1530002940 | S.TRANSISTOR 2SC4228-T2 R44 |
| Q8 | 1530002940 | S.TRANSISTOR 2SC4228-T2 R44 |
| Q9 | 1530003010 | S.TRANSISTOR 2SC4117-GR (TE85R) |

S.=Surface mount

[PLL-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| D1 | 1720000220 | S.VARICAP | 1SV166-T2B |
| D2 | 1720000460 | S.VARICAP | 1SV167-T1 |
| D3 | 1790000490 | S.DIODE | HSM88AS-TR |
| L1 | 6200001560 | S.COIL | LER 015T R68M |
| L2 | 6200001570 | S.COIL | LER 015T 1R0M |
| L3 | 6200002590 | S.COIL | NL 252018T-039J |
| L4 | 6200001570 | S.COIL | LER 015T 1R0M |
| L5 | 6200001570 | S.COIL | LER 015T 1R0M |
| L6 | 6200001230 | S.COIL | MLF2012A 1R0M-T |
| L7 | 6200002690 | S.COIL | MLF1608A 1R0M-T |
| R1 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R2 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R3 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 kΩ) |
| R7 | 7030003550 | S.RESISTOR | ERJ3GEYJ 822 V (8.2 kΩ) |
| R8 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R9 | 7030003430 | S.RESISTOR | ERJ3GEYJ 821 V (820 Ω) |
| R10 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R11 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R12 | 7030000460 | S.RESISTOR | MCR10EZHZ 4.7 kΩ (472) |
| R13 | 7030003550 | S.RESISTOR | ERJ3GEYJ 822 V (8.2 kΩ) |
| R14 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R15 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R16 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R17 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R18 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R19 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R20 | 7030003330 | S.RESISTOR | ERJ3GEYJ 121 V (120 Ω) |
| R21 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R22 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R23 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R24 | 7030003380 | S.RESISTOR | ERJ3GEYJ 331 V (330 Ω) |
| R28 | 7030003500 | S.RESISTOR | ERJ3GEYJ 332 V (3.3 kΩ) |
| R29 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R30 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R33 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030008760 | S.CERAMIC | C2012 X7R 1C 104K-T-A |
| C6 | 4030006860 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C7 | 4550002980 | S.TANTALUM | TEMSVA 1C 225M-8L |
| C8 | 4550002980 | S.TANTALUM | TEMSVA 1C 225M-8L |
| C9 | 4030006890 | S.CERAMIC | C1608 JF 1H 103Z-T-A |
| C10 | 4550000530 | S.TANTALUM | TESVA 1V 104M1-8L |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C12 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C13 | 4030007110 | S.CERAMIC | C1608 CH 1H 680J-T-A |
| C14 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C15 | 4030006550 | S.CERAMIC | C1608 SL 1H 040C-T-A |
| C16 | 4030006910 | S.CERAMIC | C1608 CH 1H 0R5C-T-A |
| C17 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C18 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C19 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C20 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C22 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C23 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C24 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C25 | 4030006670 | S.CERAMIC | C1608 SL 1H 270J-T-A |
| C26 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| W1 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| EP1 | 0910042372 | PCB | B 3740B |
| EP2 | 6510008580 | LEADFRAM | PT2.0-0.7-16.5 (K) |

[VCO-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|------------------------|
| Q1 | 1560000490 | S.FET | 2SK508 K52 T2B |
| Q2 | 1590001620 | S.TRANSISTOR | UN521F(TX) |
| D1 | 1720000180 | S.VARICAP | 1SV164-T2B |
| L1 | 6200001580 | S.COIL | LER 015T 1R8M |
| L3 | 6200001580 | S.COIL | LER 015T 1R8M |
| L4 | 6130002620 | S.COIL | LB-291 |
| R1 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R4 | 7030003280 | S.RESISTOR | ERJ3GEYJ 470 V (47 Ω) |
| R7 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R8 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C10 | 4030006920 | S.CERAMIC | C1608 CH 1H 010C-T-A |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C12 | 4030007130 | S.CERAMIC | C1608 CH 1H 101J-T-A |
| W1 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W2 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| EP1 | 0910042383 | PCB | B 3540C |
| EP2 | 6510008580 | LEADFRAM | PT2.0-0.7-16.5 (K) |

[YGR-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| Q1 | 1530002680 | S.TRANSISTOR | 2SC3357-T2 |
| Q2 | 1530002340 | S.TRANSISTOR | 2SC2954-T2B |
| D1 | 1790000860 | S.DIODE | MA133(TX) |
| L2 | 6200003860 | S.COIL | NL 252018T-010J |
| L4 | 6200003870 | S.COIL | NL 252018T-015J |
| R1 | 7030003410 | S.RESISTOR | ERJ3GEYJ 561 V (560 Ω) |
| R2 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R3 | 7030003240 | S.RESISTOR | ERJ3GEYJ 220 V (22 Ω) |
| R4 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R5 | 7030003360 | S.RESISTOR | ERJ3GEYJ 221 V (220 Ω) |
| R6 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| R7 | 7030003240 | S.RESISTOR | ERJ3GEYJ 220 V (22 Ω) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006590 | S.CERAMIC | C1608 SL 1H 080D-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C9 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C10 | 4030006610 | S.CERAMIC | C1608 SL 1H 100D-T-A |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| W1 | 7030003860 | S.JUMPER | ERJ3GE JPW V |
| W2 | 7030000010 | S.JUMPER | MCR10EZHZ JPW (000) |
| W3 | 7030000010 | S.JUMPER | MCR10EZHZ JPW (000) |
| EP1 | 0910042392 | PCB | B 3549B |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

S.=Surface mount

[APC-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| IC1 | 1110003340 | S.IC | μPC358GR-T1 |
| Q1 | 1530002280 | S.TRANSISTOR | 2SC4081 T107 S |
| Q2 | 1590000430 | S.TRANSISTOR | DTC144EU T107 |
| D1 | 1790001000 | S.ZENER | MA8062-L(TX) |
| R1 | 7030003620 | S.RESISTOR | ERJ3GEYJ 333 V (33 kΩ) |
| R2 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R3 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R4 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R5 | 7030003790 | S.RESISTOR | ERJ3GEYJ 824 V (820 kΩ) |
| R6 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R7 | 7030003320 | S.RESISTOR | ERJ3GEYJ 101 V (100 Ω) |
| R8 | 7030003640 | S.RESISTOR | ERJ3GEYJ 473 V (47 kΩ) |
| R9 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R10 | 7030003720 | S.RESISTOR | ERJ3GEYJ 224 V (220 kΩ) |
| R11 | 7030003590 | S.RESISTOR | ERJ3GEYJ 183 V (18 kΩ) |
| R12 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C2 | 4550004250 | S.TANTALUM | F95 1A226MYC |
| C3 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C7 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| EP1 | 0910042402 | PCB | B 3548B |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

[IF-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------|
| IC1 | 1110002780 | S.IC | MC3371DR |
| IC2 | 1110002750 | S.IC | TA75S01F (TE85R) |
| IC3 | 1110000960 | S.IC | NJM4558M(T1) |
| D1 | 1790000980 | S.DIODE | MA742(TX) |
| R1 | 7030003760 | S.RESISTOR | ERJ3GEYJ 474 V (470 kΩ) |
| R2 | 7030003520 | S.RESISTOR | ERJ3GEYJ 472 V (4.7 kΩ) |
| R5 | 7030003480 | S.RESISTOR | ERJ3GEYJ 222 V (2.2 kΩ) |
| R6 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R7 | 7030003680 | S.RESISTOR | ERJ3GEYJ 104 V (100 kΩ) |
| R10 | 7030003660 | S.RESISTOR | ERJ3GEYJ 683 V (68 kΩ) |
| R11 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R14 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R15 | 7030003570 | S.RESISTOR | ERJ3GEYJ 123 V (12 kΩ) |
| R16 | 7030003830 | S.RESISTOR | ERJ3GEYJ 185 V (1.8 MΩ) |
| R18 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R19 | 7030003510 | S.RESISTOR | ERJ3GEYJ 392 V (3.9 kΩ) |
| R20 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R21 | 7030003800 | S.RESISTOR | ERJ3GEYJ 105 V (1 MΩ) |
| R22 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R23 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| R24 | 7030003630 | S.RESISTOR | ERJ3GEYJ 393 V (39 kΩ) |
| C1 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C2 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C3 | 4030006690 | S.CERAMIC | C1608 SL 1H 330J-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C6 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C7 | 4030006850 | S.CERAMIC | C1608 JB 1H 471K-T-A |
| C8 | 4030006880 | S.CERAMIC | C2012 JF 1C 105Z-T-A |
| C9 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |

[IF-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|----------------------|
| C10 | 4550004700 | S.TANTALUM | F95 1V474MQAAQ2 |
| C11 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C13 | 4030009580 | S.CERAMIC | C1608 JB 1H 681K-T-A |
| C14 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C15 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C16 | 4030006900 | S.CERAMIC | C1608 JB 1E 103K-T-A |
| C17 | 4030006470 | S.CERAMIC | C2012 JB 1H 153K-T-A |
| C18 | 4030008630 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C19 | 4030008630 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C25 | 4030008630 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C26 | 4030008630 | S.CERAMIC | C1608 JF 1C 104Z-T-A |
| C27 | 4030006870 | S.CERAMIC | C1608 JB 1H 222K-T-A |
| C28 | 4030006830 | S.CERAMIC | C1608 SL 1H 331J-T-A |
| C29 | 4030006880 | S.CERAMIC | C1608 JB 1H 472K-T-A |
| EP1 | 0910042411 | PCB | B 3547A |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

[RFT-B BOARD]

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|--------------|-------------------------|
| Q1 | 1530002940 | S.TRANSISTOR | 2SC4228-T2 R44 |
| Q2 | 1580000360 | S.FET | 3SK177-T2B U73 |
| Q3 | 1590001470 | S.TRANSISTOR | UN9213(TX) |
| Q4 | 1530002900 | S.TRANSISTOR | 2SC4228-T2 R45 |
| D1 | 1790000620 | S.DIODE | MA77(TW) |
| L1 | 6200003860 | S.COIL | NL 252018T-010J |
| R1 | 7030003540 | S.RESISTOR | ERJ3GEYJ 682 V (6.8 kΩ) |
| R2 | 7030003600 | S.RESISTOR | ERJ3GEYJ 223 V (22 kΩ) |
| R3 | 7030003380 | S.RESISTOR | ERJ3GEYJ 331 V (330 Ω) |
| R4 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R5 | 7030003340 | S.RESISTOR | ERJ3GEYJ 151 V (150 Ω) |
| R6 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R7 | 7030003270 | S.RESISTOR | ERJ3GEYJ 390 V (39 Ω) |
| R8 | 7030003400 | S.RESISTOR | ERJ3GEYJ 471 V (470 Ω) |
| R9 | 7030003560 | S.RESISTOR | ERJ3GEYJ 103 V (10 kΩ) |
| R10 | 7030003440 | S.RESISTOR | ERJ3GEYJ 102 V (1 kΩ) |
| C1 | 4030006540 | S.CERAMIC | C1608 SL 1H 030C-T-A |
| C2 | 4030006540 | S.CERAMIC | C1608 SL 1H 030C-T-A |
| C3 | 4030006550 | S.CERAMIC | C1608 SL 1H 040C-T-A |
| C4 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C5 | 4030006560 | S.CERAMIC | C1608 SL 1H 050C-T-A |
| C6 | 4030006550 | S.CERAMIC | C1608 SL 1H 040C-T-A |
| C7 | 4030006700 | S.CERAMIC | C1608 SL 1H 390J-T-A |
| C8 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C9 | 4030006530 | S.CERAMIC | C1608 SL 1H 020C-T-A |
| C10 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C11 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| EP1 | 0910042421 | PCB | B 3681A |
| EP2 | 6910003110 | LEADFRAM | HFB2.0-0.7-8 (N) |

S.=Surface mount

[TONE UNIT] (USA, KOR only)

| REF. NO. | ORDER NO. | DESCRIPTION | |
|----------|------------|-------------|-------------------------------|
| IC1 | 1130005810 | S.IC | BU4094BF-T1 |
| IC2 | 1130000950 | IC | S-7116A |
| X1 | 6050003120 | XTAL | RF-4A3 FAA NKD (3.579545M) |
| R1 | 7310003580 | S.TRIMMER | EVM-1XSX50 B15 (104) |
| R2 | 7030003740 | S.RESISTOR | ERJ3GEYJ 334 V (330 kΩ) |
| R5 | 7030003580 | S.RESISTOR | ERJ3GEYJ 153 V (15 kΩ) |
| R6 | 7030003580 | S.RESISTOR | ERJ3GEYJ 153 V (15 kΩ) |
| C1 | 4030006860 | S.CERAMIC | C1608 JB 1H 102K-T-A |
| C2 | 4030006710 | S.CERAMIC | C1608 SL 1H 470J-T-A |
| C3 | 4030006700 | S.CERAMIC | C1608 SL 1H 390J-T-A |
| C4 | 4550004700 | S.TANTALUM | F95 1V474MQAAQ2 |
| J1 | 6510016450 | S.CONNECTOR | 53307-1291 |
| EP1 | 0910040772 | PCB | B 3983B |

S.=Surface mount

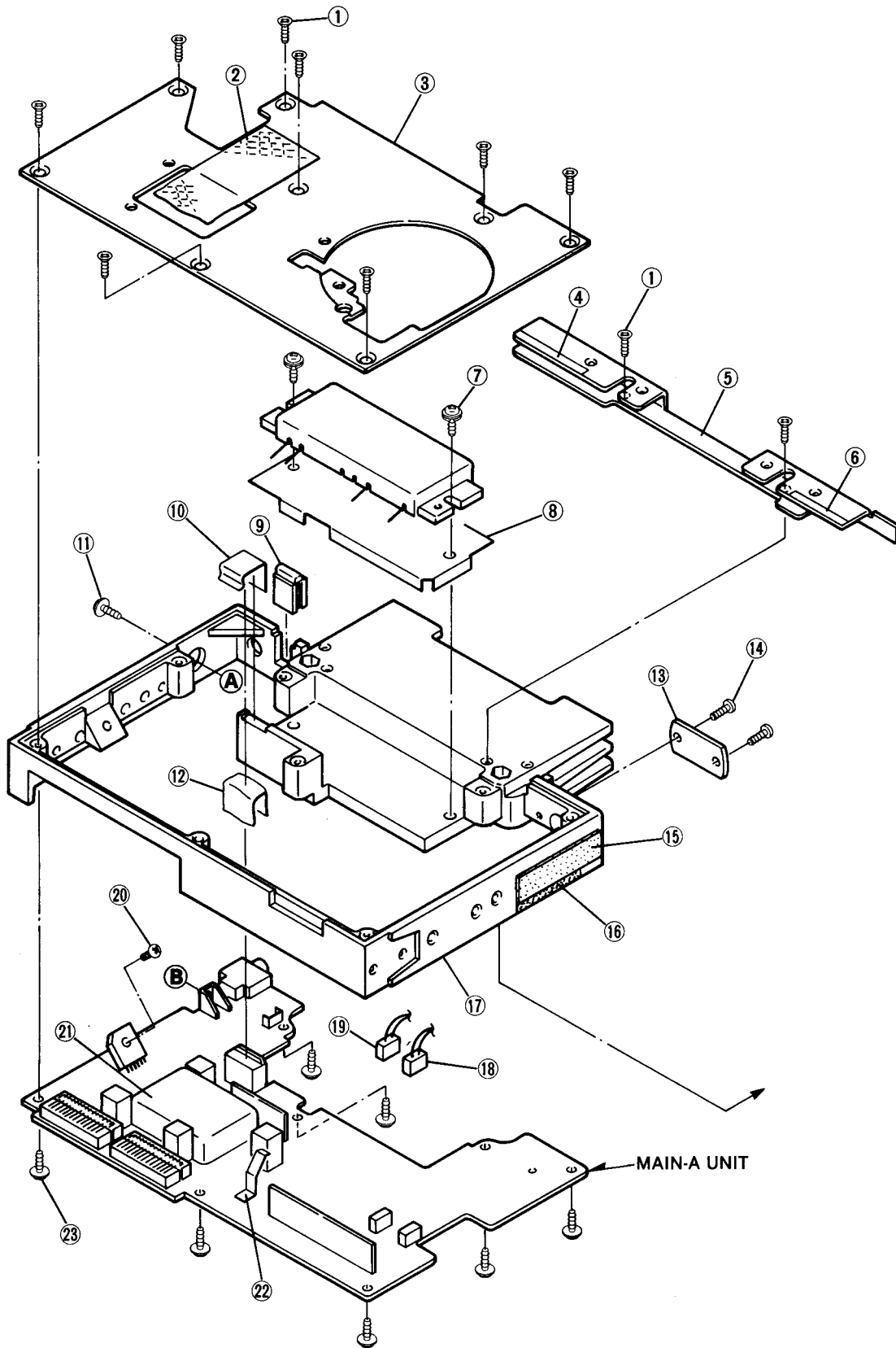
SECTION 6 MECHANICAL PARTS

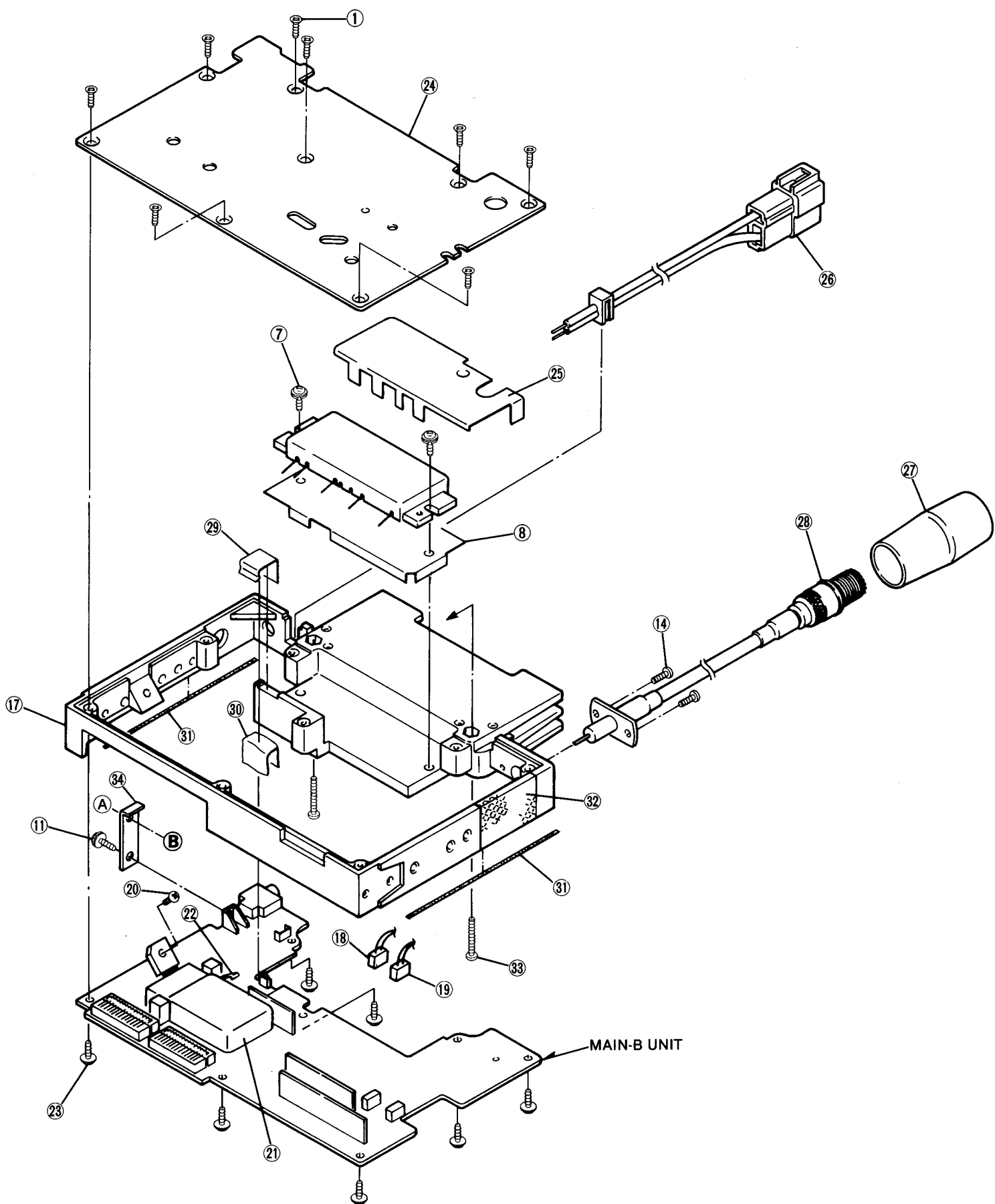
6-1 FRONT AND CABINET PARTS

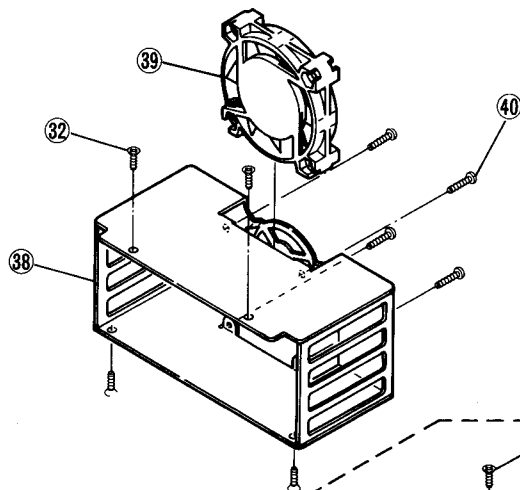
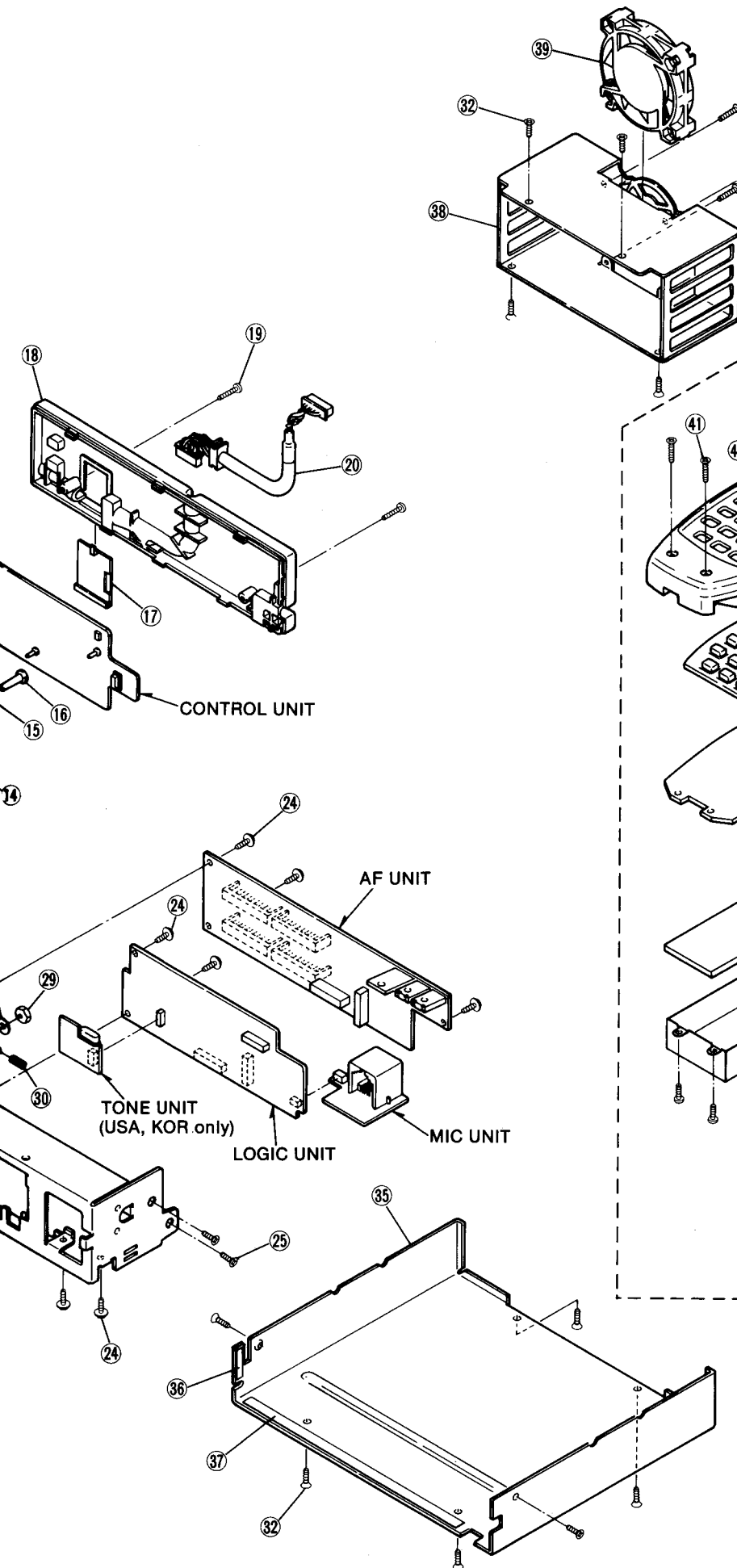
| LABEL NUMBER | ORDER NO. | DESCRIPTION | QTY. | LABEL NUMBER | ORDER NO. | DESCRIPTION | QTY. |
|--------------|------------|--|------|--------------|------------|------------------------------|------|
| ① | 8210010910 | 1352 front panel assembly | 1 | ③④ | 8930032280 | 1352 SP sponge | 1 |
| ② | 8610008980 | Knob N212 [VOL • MONI] | 2 | ③⑤ | 8110005130 | 1352 bottom cover | 1 |
| ③ | 8610008970 | Knob N211 [SQL] | 2 | ③⑥ | 8930032240 | Insulate plate DH | 1 |
| ④ | 8610008960 | Knob N210 [MAIN • SUB] | 2 | ③⑦ | 8930032230 | Insulate plate DG | 1 |
| ⑤ | 8830000550 | VR nut (E) | 4 | ③⑧ | 8110005160 | 1354 fan cover | 1 |
| ⑥ | 2250000160 | Encoder TP90N00AE20-15F [MAIN • SUB] | 2 | ③⑨ | 2710000410 | Fan 0410-12H | 1 |
| ⑦ | 8930031980 | 1352 mask film | 2 | ④⑩ | 8810004310 | Screw PH M2.6×10 ZK | 4 |
| ⑧ | 2250000170 | Encoder TP90D96AE20-17F [VOL • MONI/SQL] | 2 | ④⑪ | 8810007280 | Screw OH B0 M2.6×20 ZK | 2 |
| ⑨ | 8930030320 | 1352 LCD plate with rubber | 1 | ④⑫ | 8310032870 | 1135 key plate (A) | 1 |
| ⑩ | 5030001070 | LCD LD-BU5695E | 1 | ④⑬ | 8930025820 | 1135 SW cover | 1 |
| ⑪ | 8930030621 | LCD contact SRCN-1352-SC-S | 1 | ④⑭ | 8810007290 | Screw FH B0 M2.6×20 NI | 1 |
| ⑫ | 8930030631 | LCD contact SRCN-1352-SC-L | 1 | ④⑮ | 8010012890 | 1135 hook plate | 1 |
| ⑬ | 8930030670 | 1352 LCD filter (A) | 1 | ④⑯ | 8010012870 | 1135 rear panel | 1 |
| ⑭ | 8210009780 | 1352 reflector | 1 | ④⑰ | 8930031210 | 1135 10key (A) | 1 |
| ⑮ | 8930030280 | 1352 SW-B sponge | 1 | ④⑱ | 8900004010 | Flexible cable OPC-382 | 1 |
| ⑯ | 8610008990 | Knob K208 [POWER] | 1 | ④⑲ | 8810006100 | Screw PH B0 No. 1 M2×3.5 NI | 4 |
| ⑰ | 8210009810 | 1352 sub panel | 1 | ⑤① | 8010014920 | 1135 battery holder | 1 |
| ⑱ | 8210009770 | 1352 rear panel | 1 | ⑤② | 8810007380 | Screw FFH B0 No. 1 M2×4.5 ZK | 6 |
| ⑲ | 8810004370 | Screw PH B0 M2×10 ZK | 2 | ⑤③ | 8930031170 | 1511 SW holder | 1 |
| ⑳ | 8900004570 | Cable OPC-437 | 1 | ⑤④ | 8930025230 | 1135 terminal (B) | 1 |
| ㉑ | 8010015210 | 1352 sub chassis | 1 | ⑤⑤ | 8930025220 | 1135 terminal (A) | 1 |
| ㉒ | 8810000520 | Screw PH No. 0 M2×4.5 ZK | 1 | ⑤⑥ | 8930014940 | MIC holder | 1 |
| ㉓ | 8850001340 | Star washer M2.0 ZK | 1 | ⑤⑦ | 8930025200 | 1135 3-button | 1 |
| ㉔ | 8810003960 | Setscrew A M2.6×5 | 7 | ⑤⑧ | 8930025180 | 1135 4-button | 1 |
| ㉕ | 8810002110 | Screw FH M2.6×5 | 4 | ⑤⑨ | 8930025170 | 1135 PTT button | 1 |
| ㉖ | 8610009000 | Knob K209 | 1 | ⑤⑩ | 8900003810 | Cable OPC-374 | 1 |
| ㉗ | 8930030290 | 1352 release plate | 1 | ⑥① | 8900004860 | Curl cable OPC-450 | 1 |
| ㉘ | 8850001380 | Insulate flat washer (N) | 1 | ⑥② | 8930025190 | U/D button | 1 |
| ㉙ | 8860000830 | 1364 nut | 1 | ⑥③ | 8210010341 | 1135 front panel (HM-92) | 1 |
| ㉚ | 8930012640 | Spring (K) | 1 | ⑥④ | 8210010351 | 1135 front panel (HM-92A) | 1 |
| ㉛ | 8110005120 | 1352 top cover | 1 | ⑥⑤ | 8930007410 | Speaker holder (A) | 1 |
| ㉜ | 8810002440 | Screw FH M2.6×4 ZK BS | 16 | ⑥⑥ | 2510000690 | Speaker VS-50-0820A | 1 |
| ㉝ | 8930032220 | Insulate plate DF | 1 | ⑥⑦ | 8810006530 | Screw OH M2.6×6 BS ZK | 3 |

Screw abbreviations B0: Self-tapping PH: Pan head FH: Flat head OH: Oval countersunk head
 FFH: Flat filister head BS: Brass NI: Nickel ZK: Black

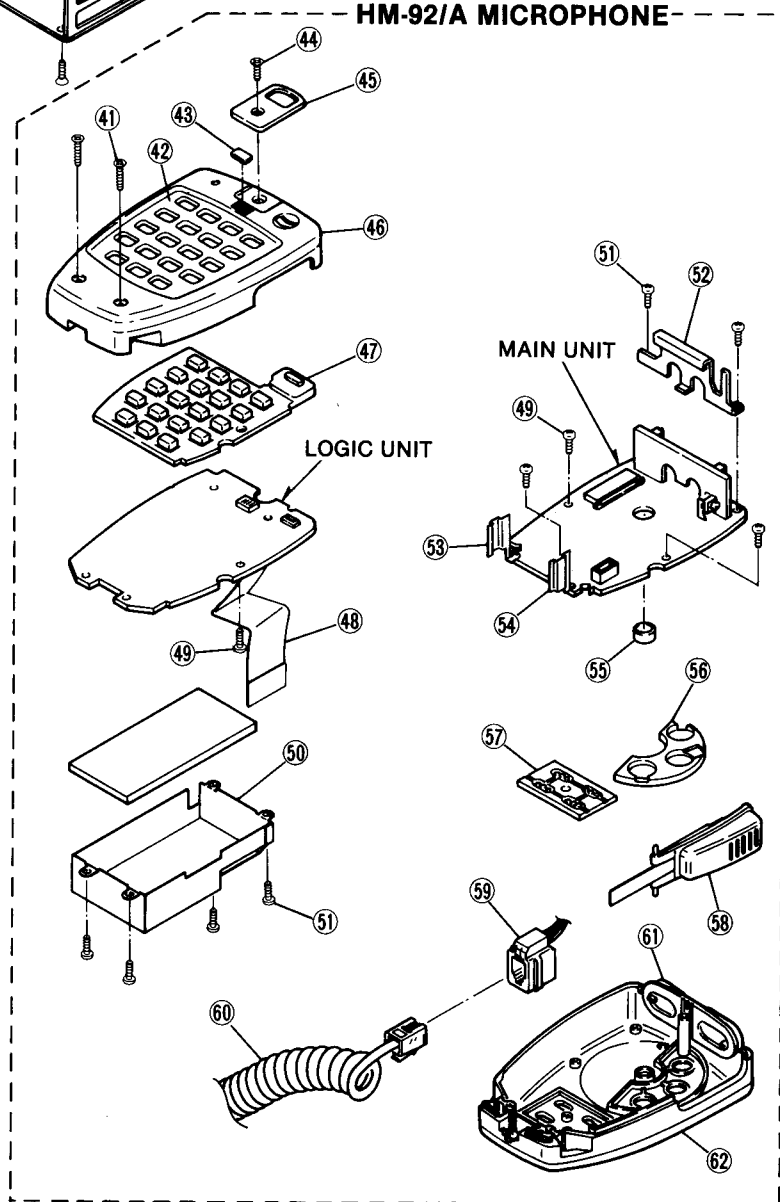
6-2 CHASSIS PARTS AND ACCESSORIES







HM-92/A MICROPHONE

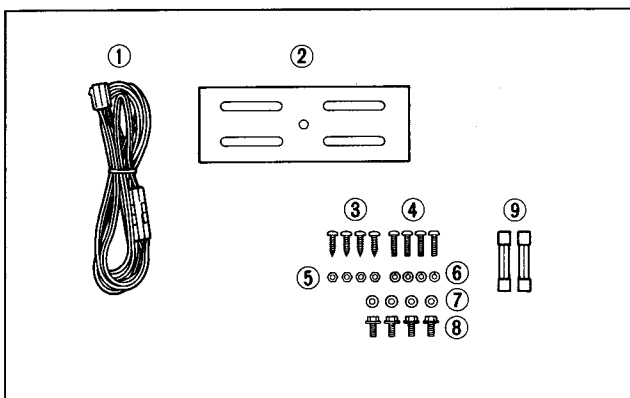


• CHASSIS PARTS

| LABEL NUMBER | ORDER NO. | DESCRIPTION | QTY. |
|--------------|------------|------------------------------------|------|
| ① | 8810002110 | Screw FH M2.6 × 5 | 18 |
| ② | 8950001930 | Electrical tape No. 1245 50 × 25.4 | 1 |
| ③ | 8510008670 | 1352 B shield plate | 1 |
| ④ | 8930032180 | Sheet AS | 1 |
| ⑤ | 8010015220 | 1352 rear angle | 1 |
| ⑥ | 8930032190 | Sheet AR | 1 |
| ⑦ | 8810007230 | Setscrew H M3 × 8 | 4 |
| ⑧ | 8310027570 | 1126 module plate | 2 |
| ⑨ | 8010012750 | 1126 bushing | 1 |
| ⑩ | 8930024800 | 1126 TR clip | 1 |
| ⑪ | 8810007130 | Setscrew H M3 × 6 | 2 |
| ⑫ | 8950002960 | Glass tape W=12 L=30 540S | 1 |
| ⑬ | 8510006440 | ANT cover | 1 |
| ⑭ | 8810001410 | Screw PH B1 M3 × 6 NI | 4 |
| ⑮ | 8930032170 | Sheet AT | 1 |
| ⑯ | 8950001300 | Electrical tape No. 1245 20 × 25.4 | 1 |
| ⑰ | 8010015260 | 1354 chassis | 2 |
| ⑱ | 8900004520 | VHF cable OPC-373A | 1 |
| ⑲ | 8900004520 | UHF cable OPC-373A | 1 |
| ⑳ | 8810002750 | Screw BuH M2.6 × 6 ZK BS | 2 |
| ㉑ | 8510007670 | 1126 VCO case | 2 |
| ㉒ | 8930029590 | 1128 spring | 2 |
| ㉓ | 8810003960 | Setscrew A M2.6 × 5 | 16 |
| ㉔ | 8510009040 | 1352 A shield plate | 1 |
| ㉕ | 8930030390 | 1352 module cover | 1 |
| ㉖ | 8900003780 | Power receptacle cable OPC-371 | 1 |
| ㉗ | 6950000040 | M-cap (black) | 1 |
| ㉘ | 8900002450 | Antenna connector cable OPC-223 | 1 |
| ㉙ | 8930027480 | 1126 TR-A clip | 1 |
| ㉚ | 8950003290 | Glass tape W=12 L=15 540S | 1 |
| ㉛ | 8930032160 | Sheet AU | 2 |
| ㉜ | 8950002790 | Electrical tape No. 1245 30 × 25.4 | 1 |
| ㉝ | 8810000330 | Screw PH M3 × 30 | 2 |
| ㉞ | 8930030240 | 1352 terminal plate | 1 |

Screw abbreviations B1: Self-tapping PH: Pan head FH: Flat head BuH: Button head
BS: Brass NI: Nickel ZK: Black

• ACCESSORIES



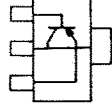

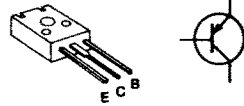
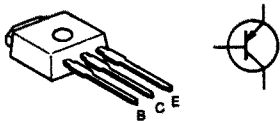
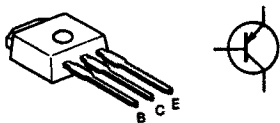
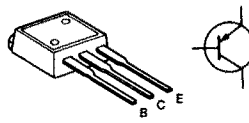















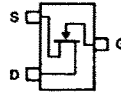
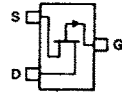
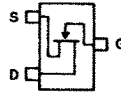




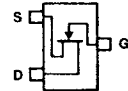
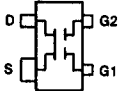

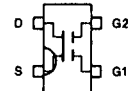
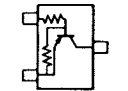
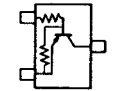
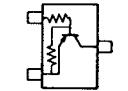
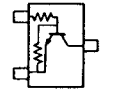
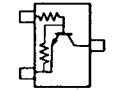
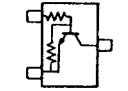
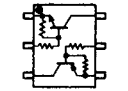
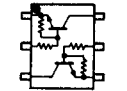
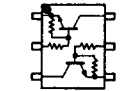
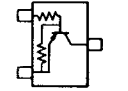
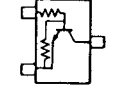
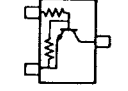
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|--------------|------------|----------------------------|------|
| ① | 8900003760 | DC power cable OPC-346 | 1 |
| ② | 8010004050 | Mounting bracket (B) black | 1 |
| ③ | 8810000950 | Screw PH A M5 × 16 | 4 |
| ④ | 8810000470 | Screw PH M5 × 12 (+/-) | 4 |
| ⑤ | 8830000120 | Nut M5 | 4 |
| ⑥ | 8850000390 | Spring washer M5 | 4 |
| ⑦ | 8850000150 | Flat washer M5 NI BS | 4 |
| ⑧ | 8820000530 | Flange bolt | 4 |
| ⑨ | 5210000080 | Fuse (20 A) | 2 |

Screw abbreviations PH: Pan head NI: Nickel
BS: Brass

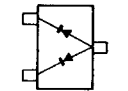
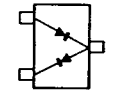
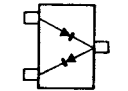
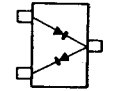
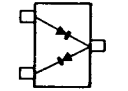
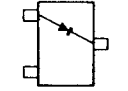
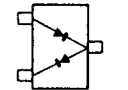
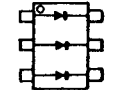
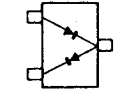
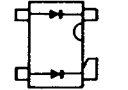
SECTION 7 SEMI-CONDUCTOR INFORMATION

• TRANSISTORS AND FET'S

| | | | | | |
|---|---|--|--|---|---|
| 2SA1586 GR (Symbol: SG)  | 2SA1586 Y (Symbol: SY)  | 2SA1734 (Symbol: LB)  | 2SA1736 (Symbol: LD)  | 2SB1143 S  | |
| 2SB1182  | | 2SB1184 Q  | | 2SB1266 S  | |
| 2SB798 DK (Symbol: DK)  | 2SC2954 (Symbol: QK)  | 2SC3357 (Symbol: RK)  | 2SC4081 S (Symbol: BS)  | 2SC4116 BL (Symbol: LL)  | 2SC4116 GR (Symbol: LG)  |
| 2SC4116 Y (Symbol: LY)  | 2SC4117 GR (Symbol: DG)  | 2SC4213 B (Symbol: AB)  | 2SC4215 Y (Symbol: QY)  | 2SC4228 R25 (Symbol: R25)  | 2SC4228 R44 (Symbol: R44)  |
| 2SC4228 R45 (Symbol: R45)  | 2SC4541 (Symbol: KD)  | 2SD999 CK (Symbol: CK)  | 2SJ114 GR (Symbol: VG)  | 2SJ144 Y (Symbol: VY)  | 2SK1577 2 (Symbol: P2)  |

| | | | | | |
|---|---|--|--|---|--|
| 2SK508 K52 (Symbol: K52)  | 2SK880 GR (Symbol: XG)  | 2SK880 Y (Symbol: XY)  | 3SK166 2 (Symbol: K)  | 3SK177 U73 (Symbol: U73)  | 3SK184 S (Symbol: 3R)  |
| DTA113ZU (Symbol: 111)  | DTA114EU (Symbol: 14)  | DTA144EU (Symbol: 16)  | DTC114EU (Symbol: 24)  | DTC143ZU (Symbol: 123)  | DTC144EU (Symbol: 26)  |
| UMD3 (Symbol: D3)  | UMH10 (Symbol: H10)  | UMH2 (Symbol: H2)  | UN511D (Symbol: 6M)  | UN521F (Symbol: 8N)  | UN9213 (Symbol: 8C)  |

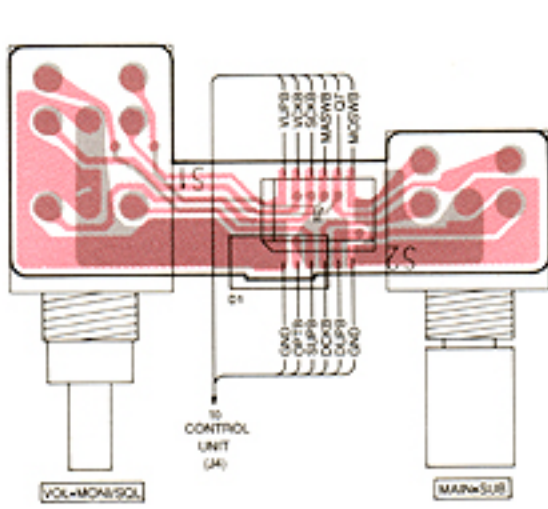
• DIODES

| | | | | | |
|--|--|--|--|--|--|
| 1SS300 (Symbol: A3)  | 1SS301 (Symbol: B3)  | 1SS302 (Symbol: C3)  | DA204U (Symbol: K)  | HSM88AS (Symbol: C-1)  | MA132K (Symbol: M1)  |
| MA133 (Symbol: MP)  | MA6S121 (Symbol: M2D)  | MA742 (Symbol: M1U)  | MA862 (Symbol: M1I)  | | |

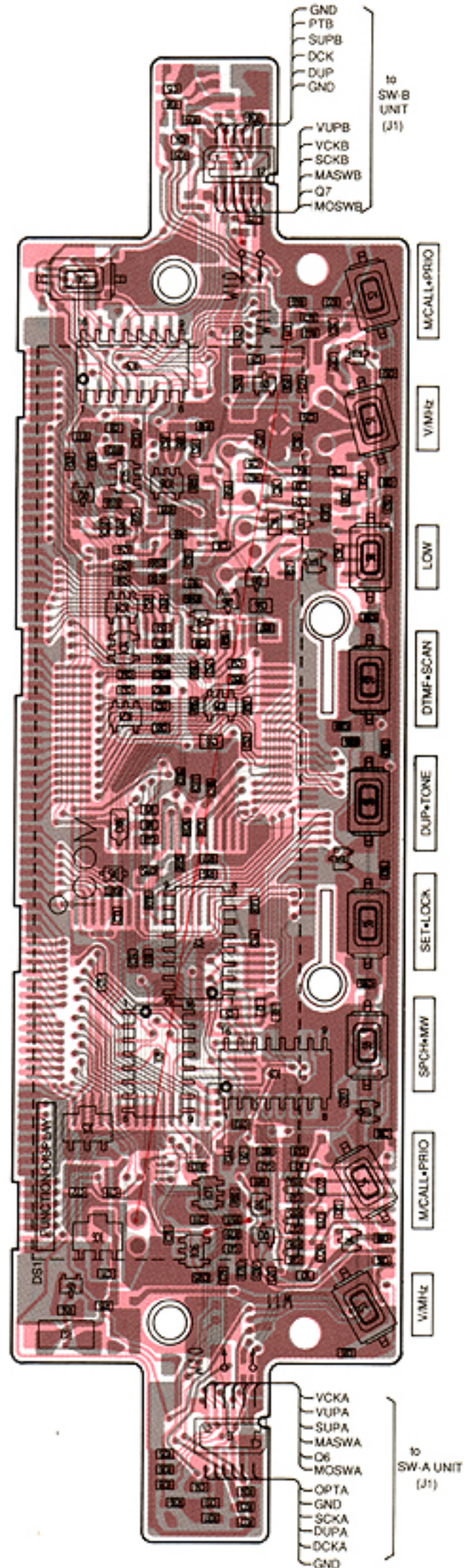
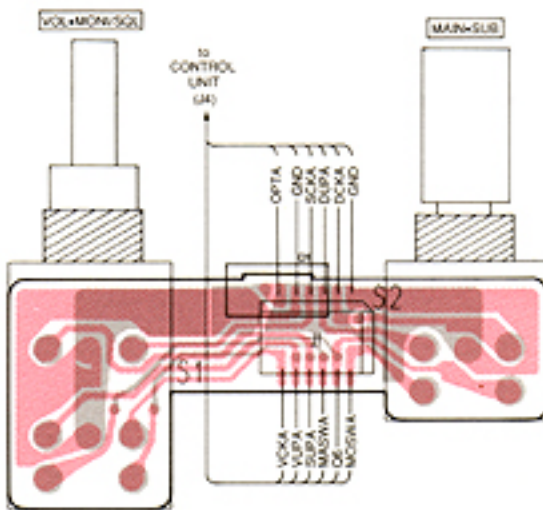
SECTION 8 BOARD LAYOUTS

8-1 CONTROL UNIT

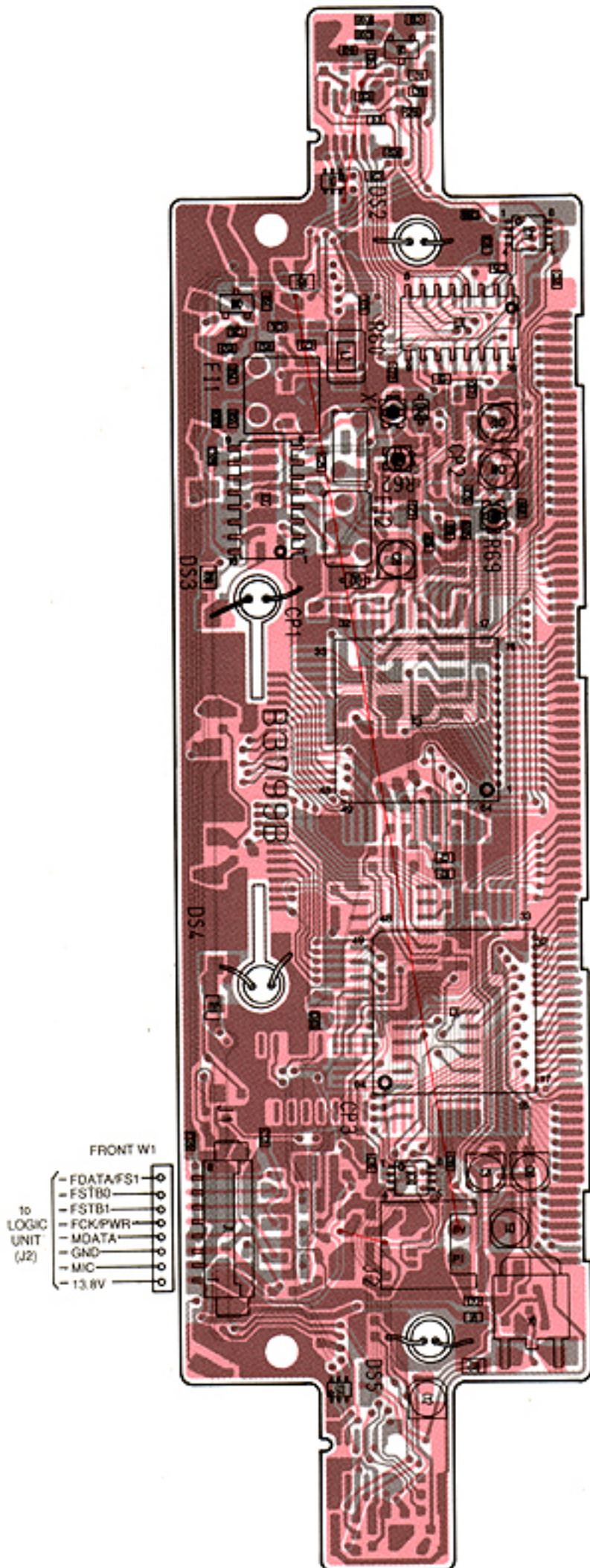
• SW-B UNIT



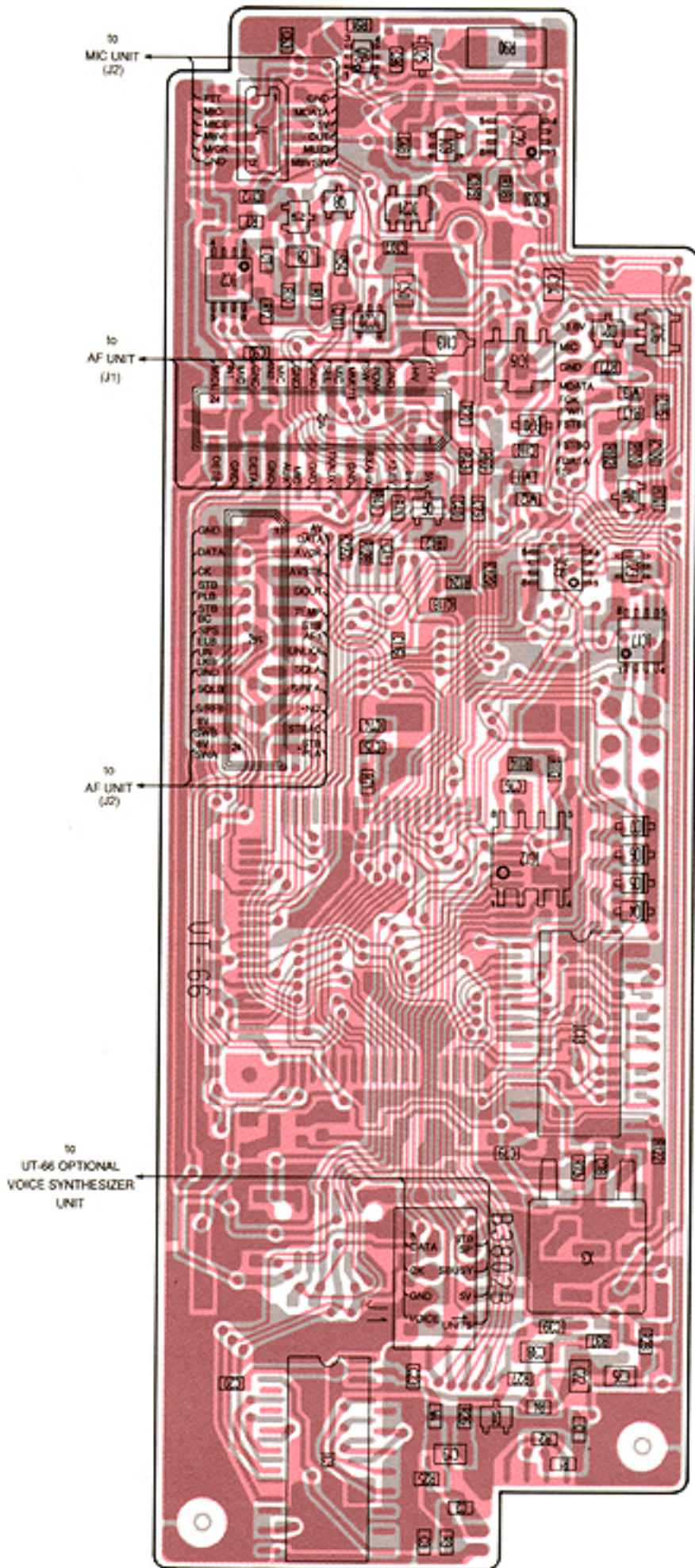
• SW-A UNIT



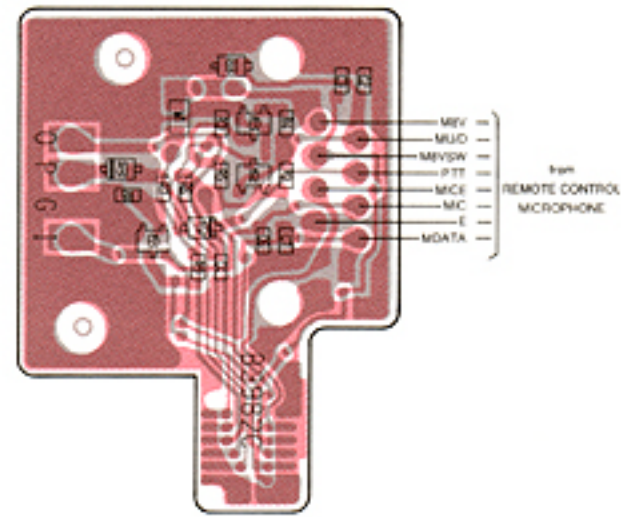
• CONTROL UNIT



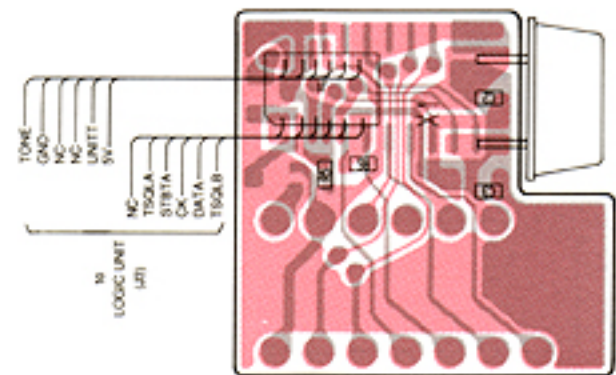
• LOGIC UNIT

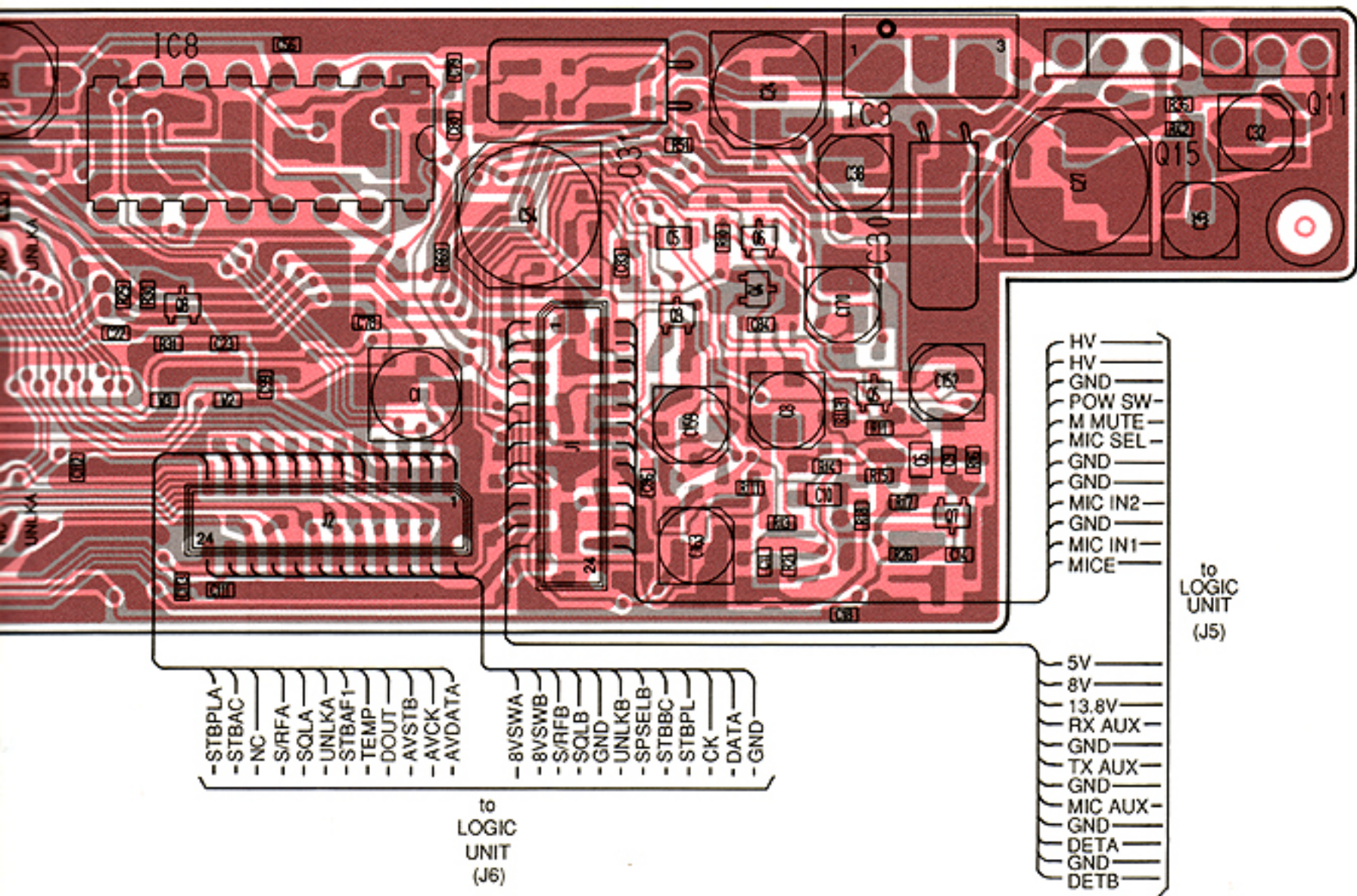


• MIC UNIT

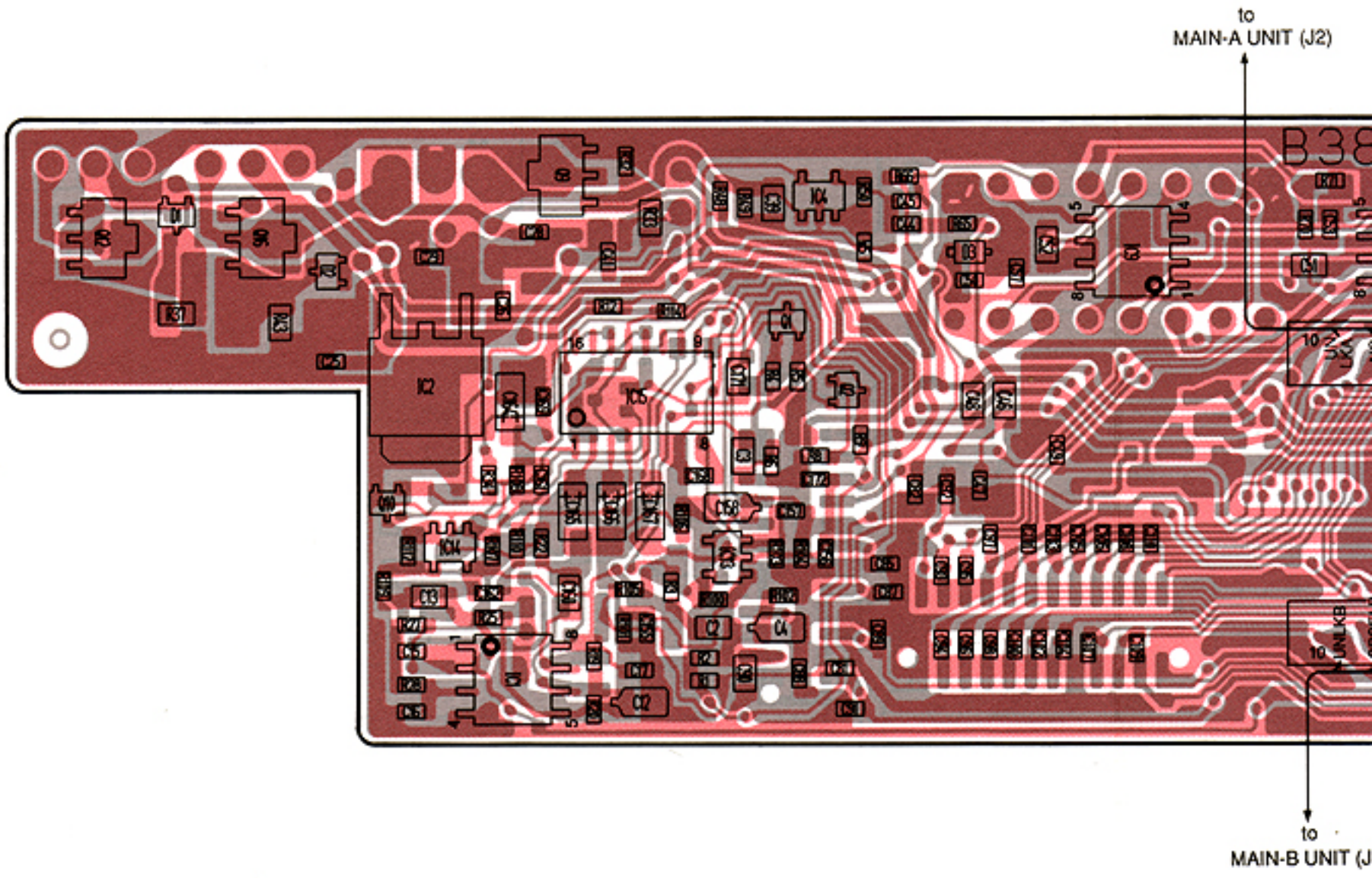


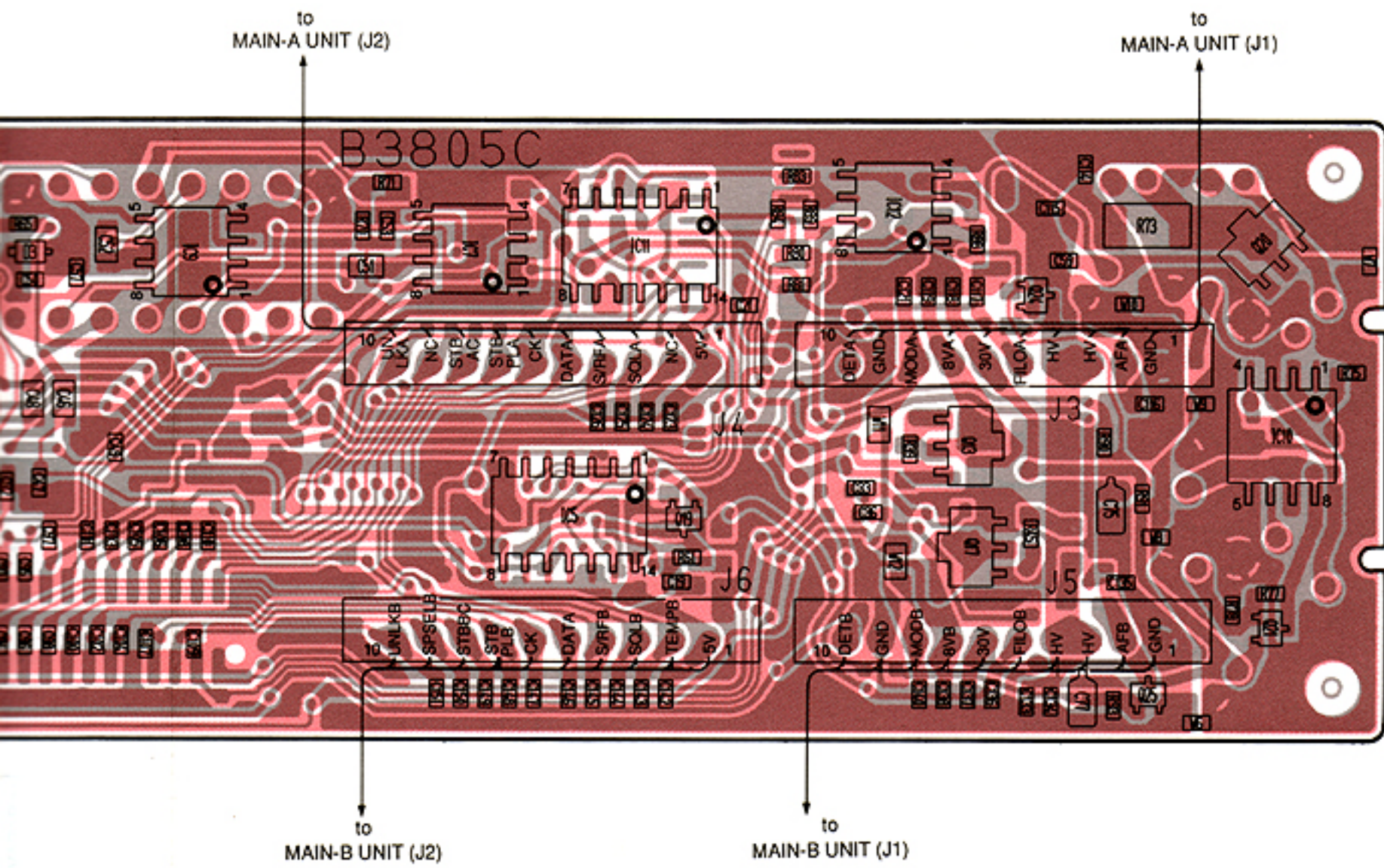
• TONE UNIT (USA, KOR only)





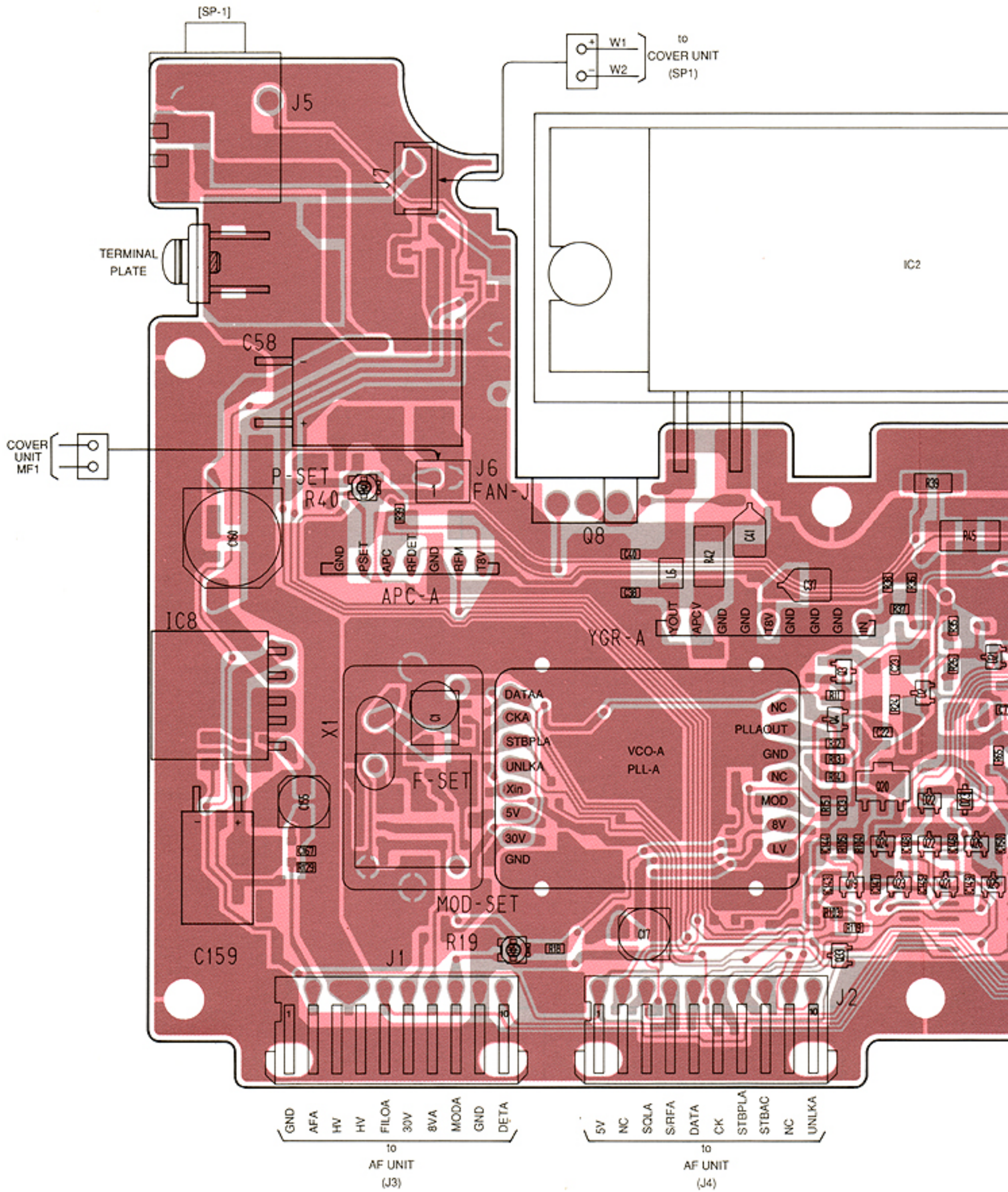
• AF UNIT

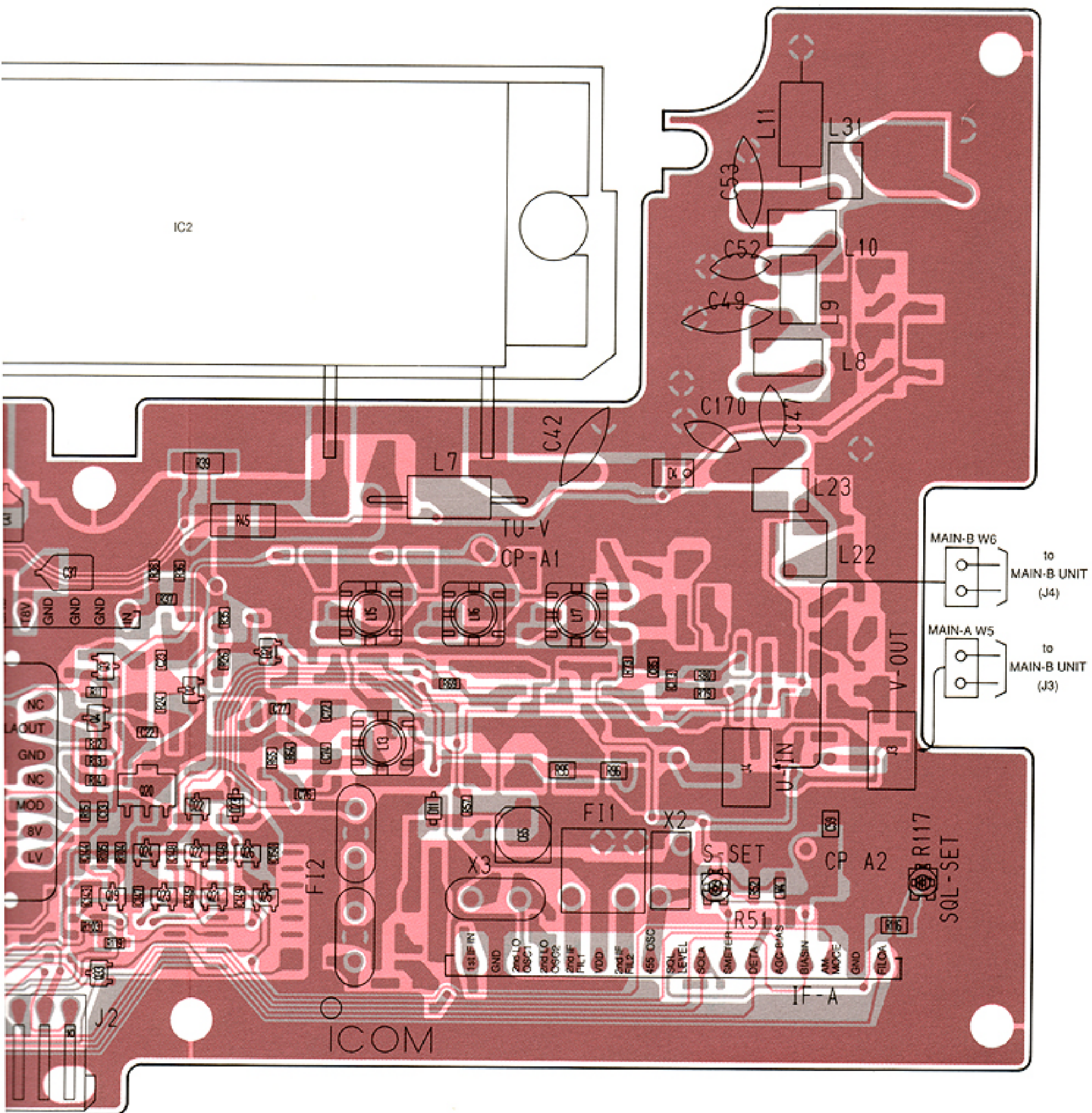




8-4 MAIN-A UNIT

• MAIN-A UNIT





IC2

TU-V
CP-A1

F11

F12

ICOM

R117
SQL-SET

MAIN-B W6
to MAIN-B UNIT (J4)

MAIN-A W5
to MAIN-B UNIT (J3)

STBAC
NC
UNLKA

NC
LA OUT
GND
NC
MOD
8V
LV

18V
GND
GND
GND
IN

181 IF IN
GND
2nd LO OSC1
2nd LO OSC2
2nd IF FILT
VDD
2nd IF FIL2
455 OSC
SQL LEVEL
SQLA
SMUTTER
DELTA
AGC-PAS
BIASIN
AM MODE
GND
FILOK
IF-A

V-OUT

U-TIN

L22

L23

L8

L9

L10

L11

L31

C49

C52

C53

C170

C47

C42

L7

R38

R5

R38

R5

R38

R5

R38

R5

R38

R5

R38

R5

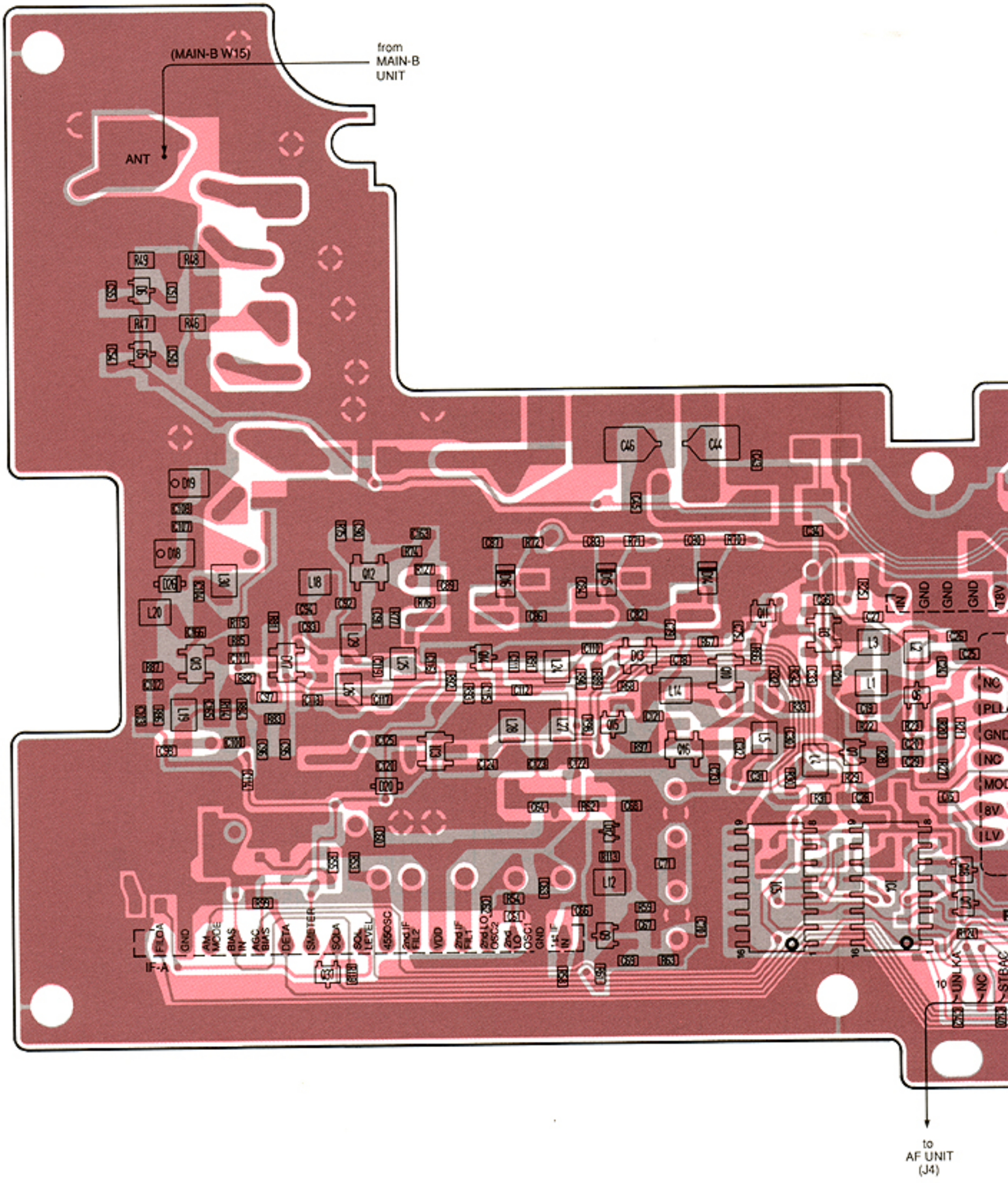
R38

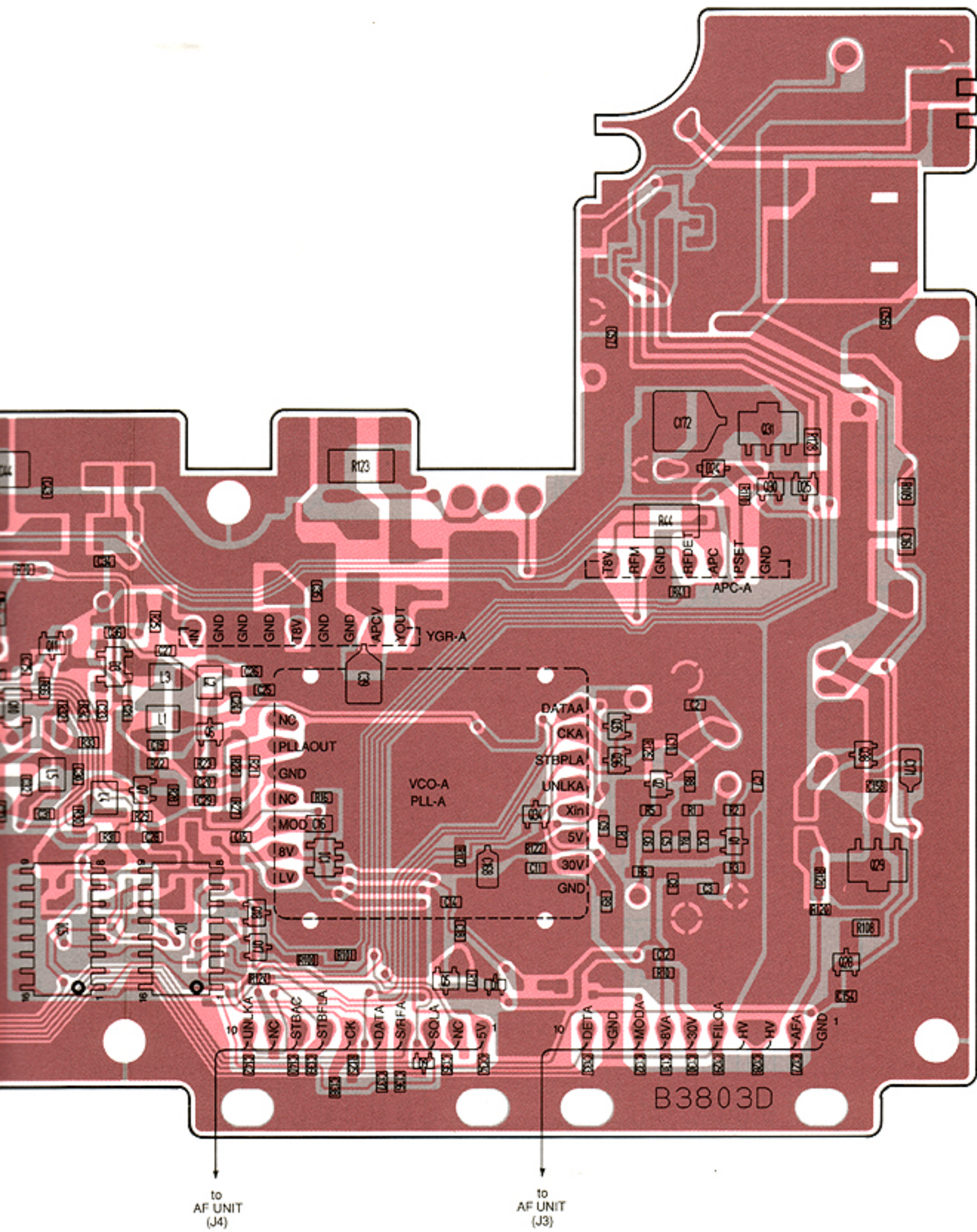
R5

R38

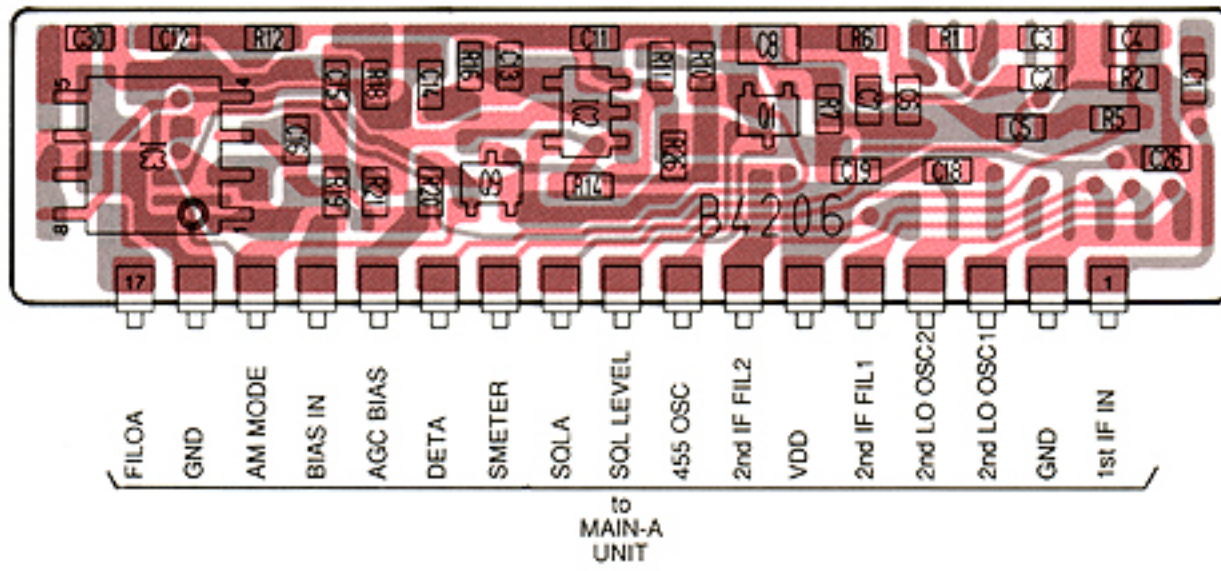
R5

• MAIN-A UNIT

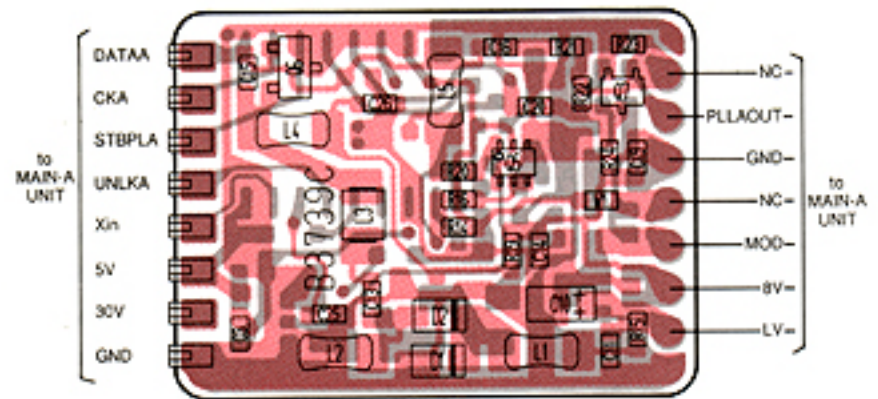




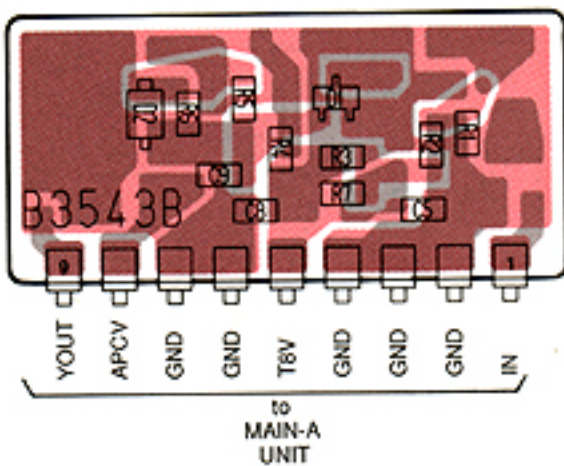
• IF-A BAORD



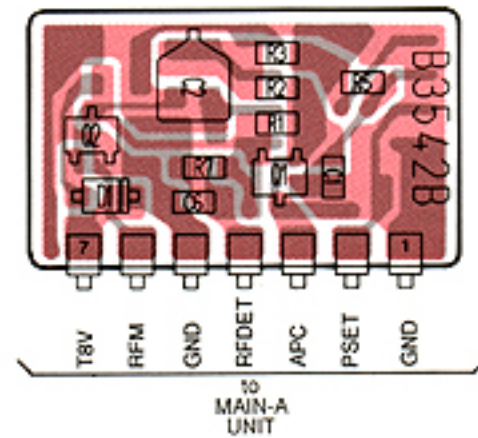
• PLL-A BOARD



• YGR-A BOARD

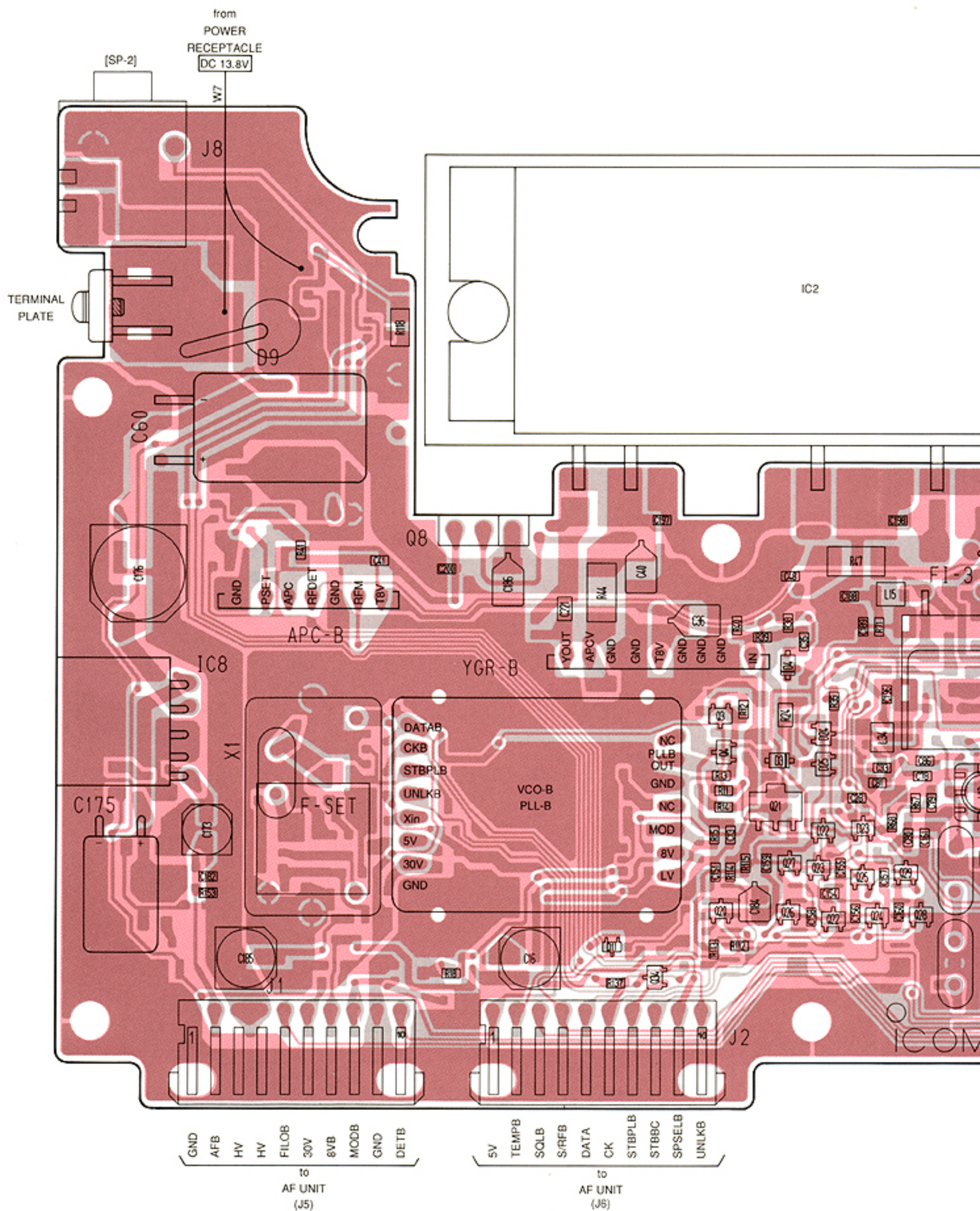


• APC-A BOARD

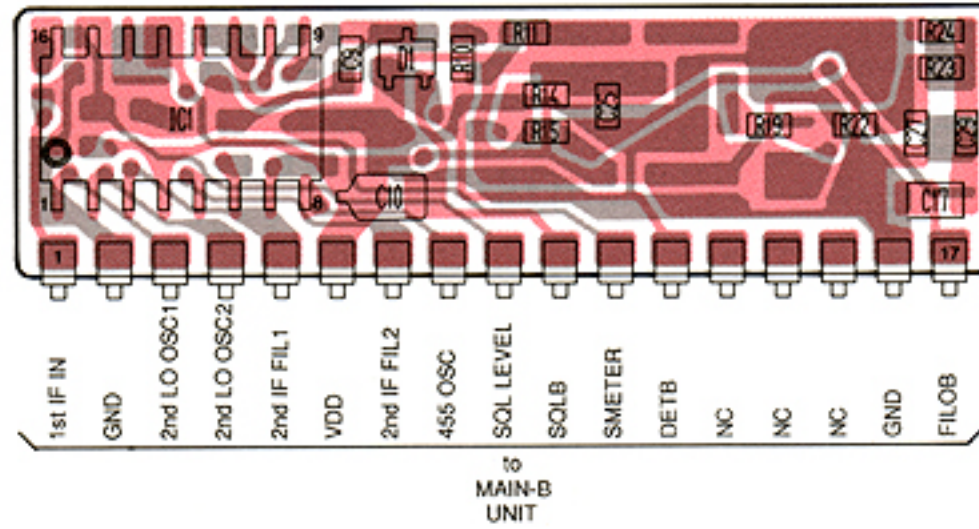


8-5 MAIN-B UNIT

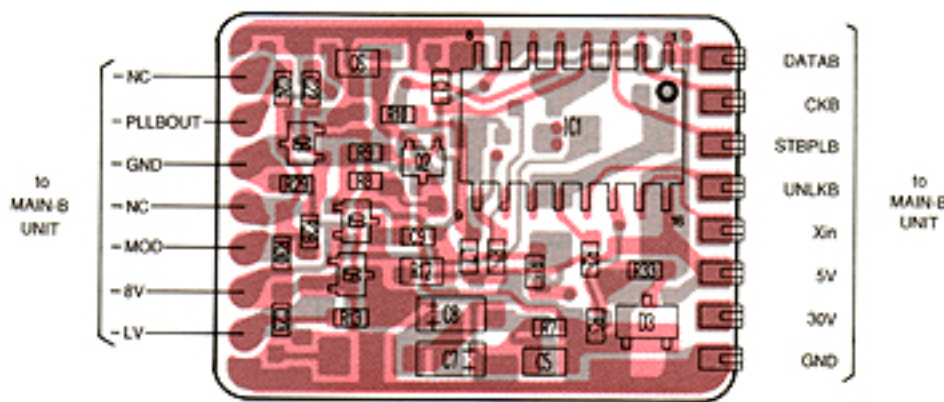
• MAIN-B UNIT



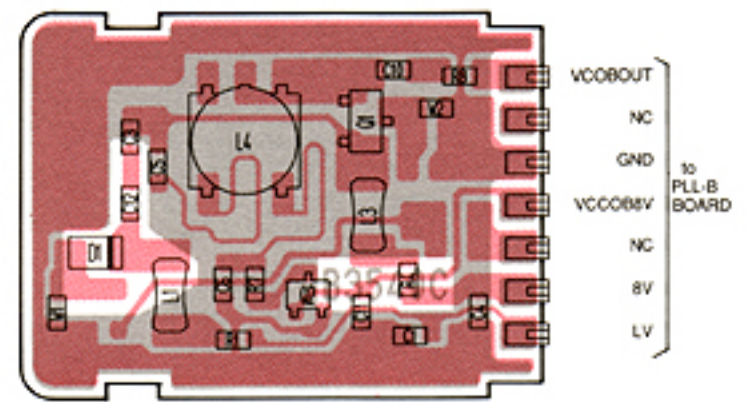
• IF-B BOARD



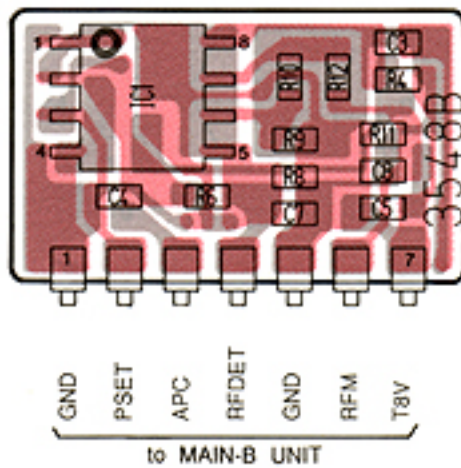
• PLL-B BOARD



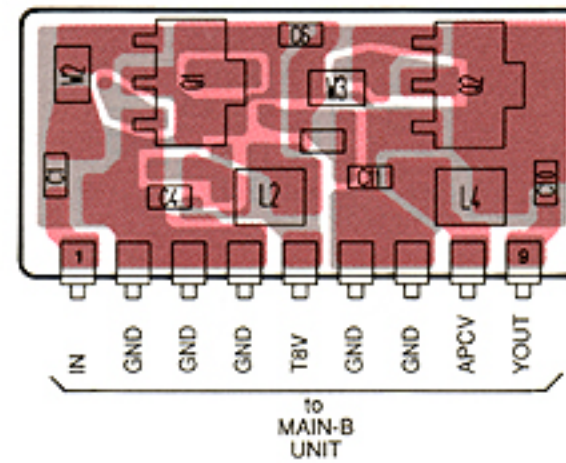
• VCO-B BOARD



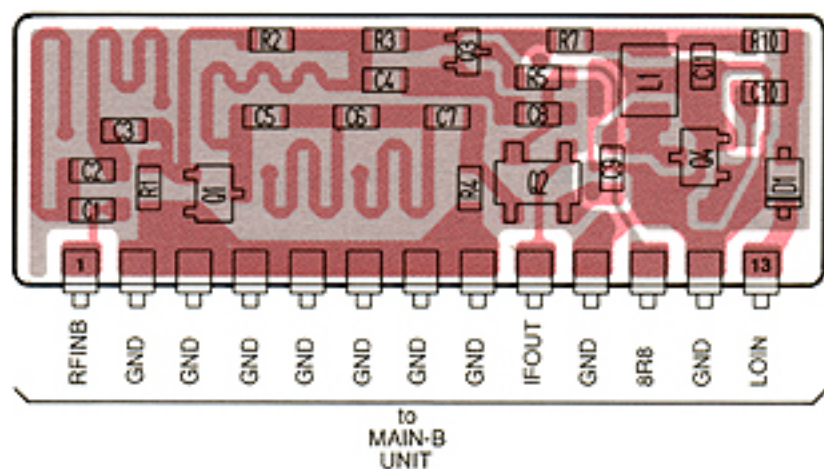
• APC-B BOARD



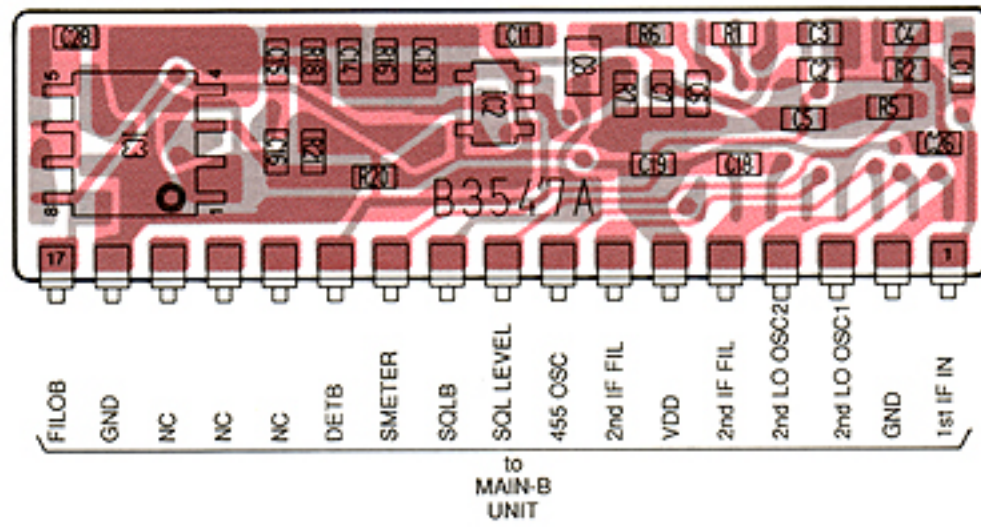
• YGR-B BOARD



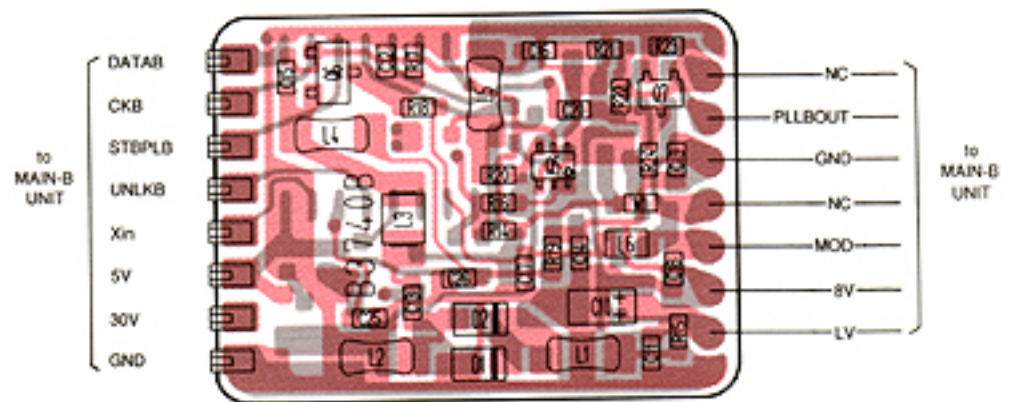
• RFT-B BOARD



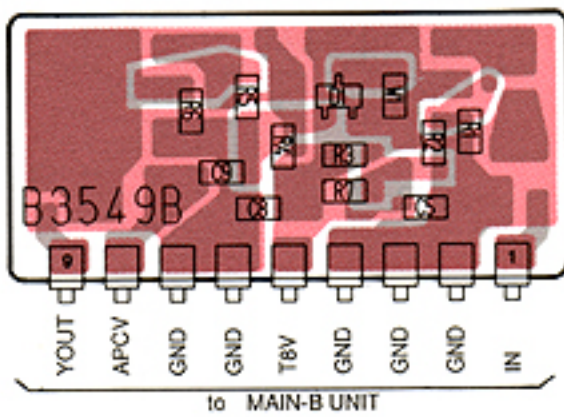
• IF-B BAORD



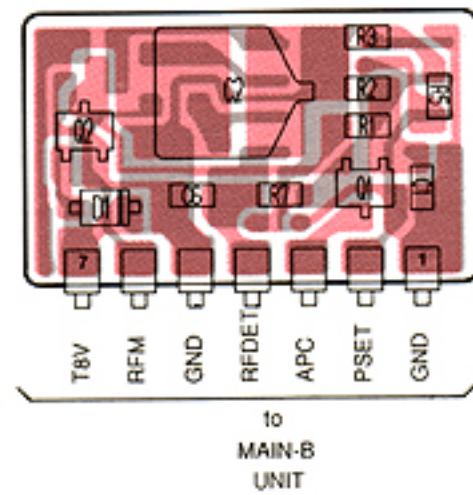
• PLL-B BOARD



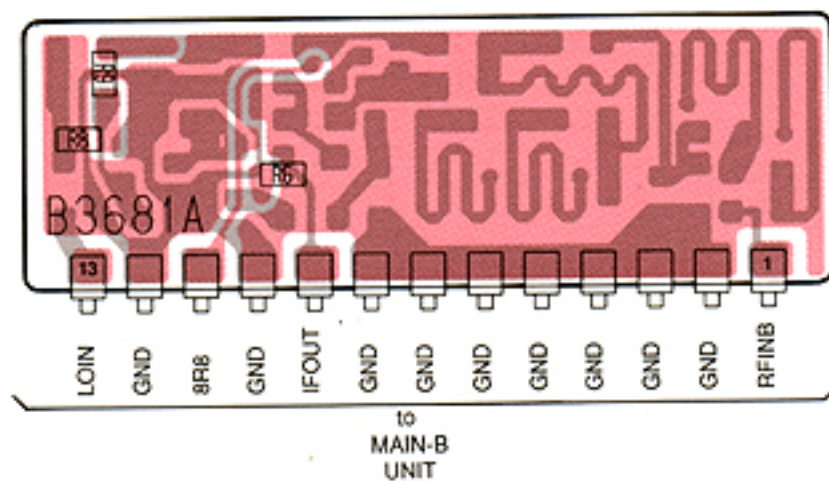
• YGR-B BOARD



• APC-B BOARD

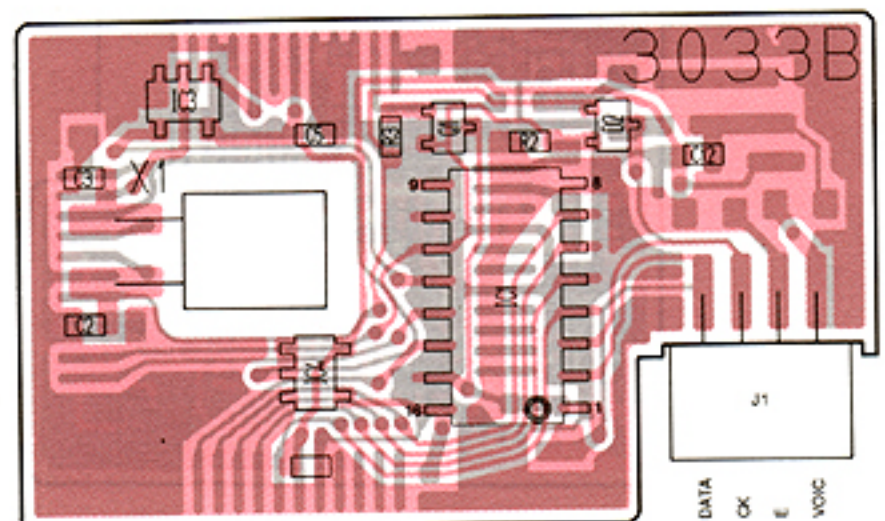
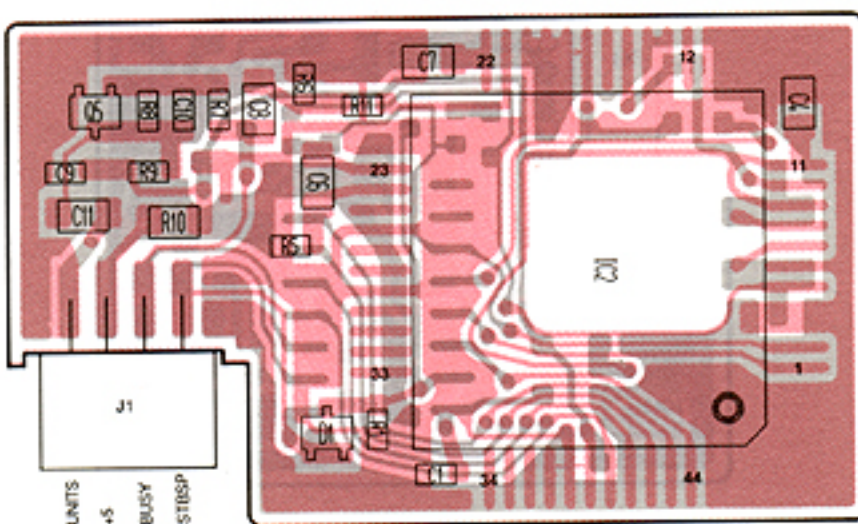
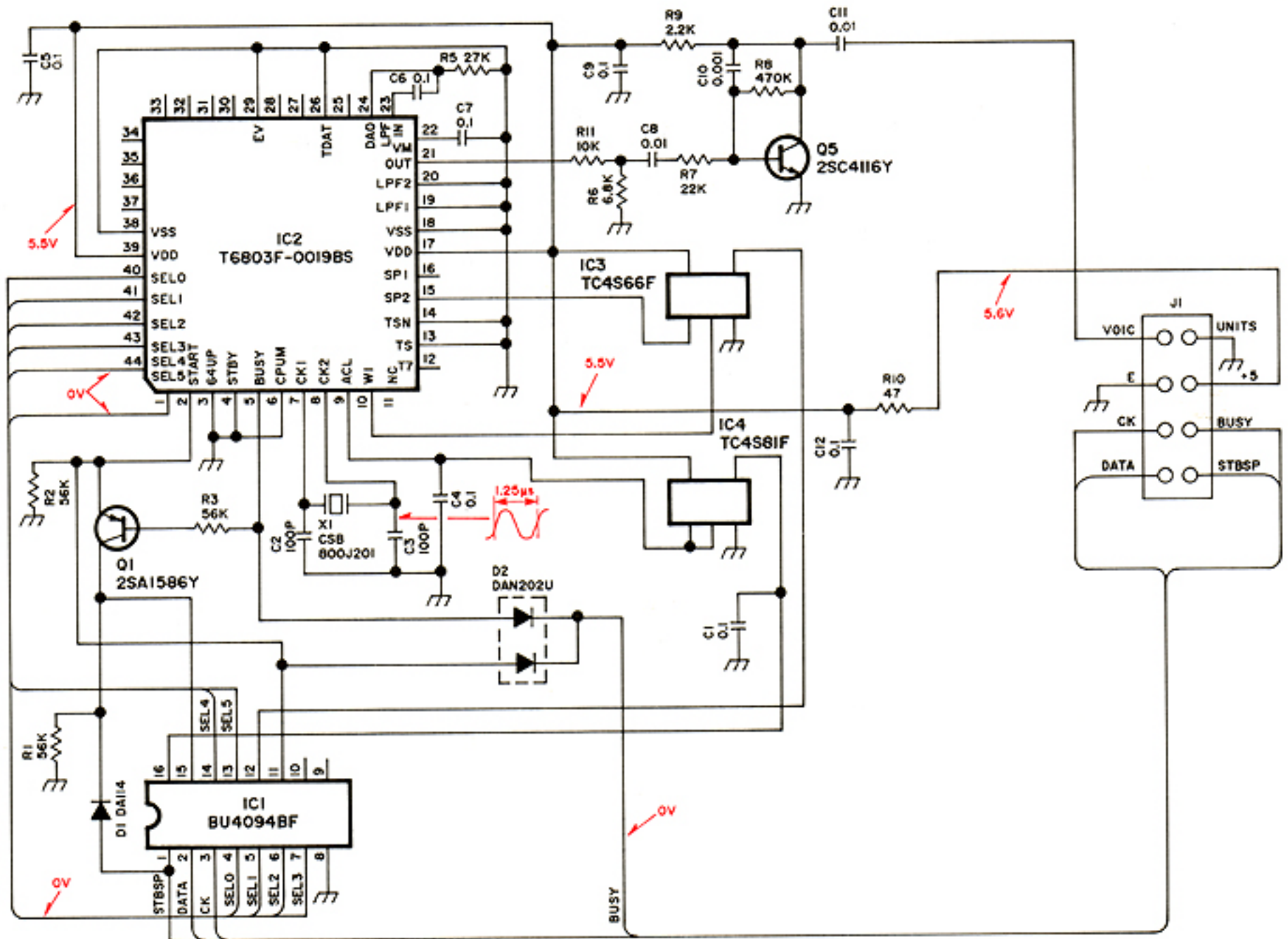


• RFT-B BAORD

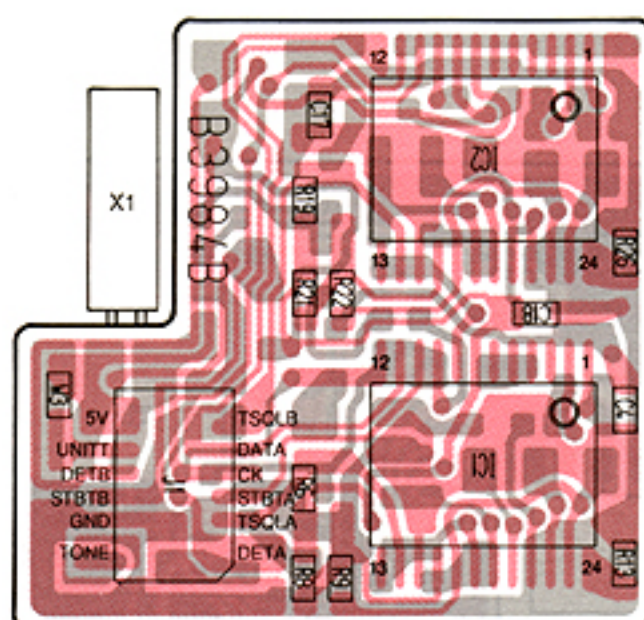
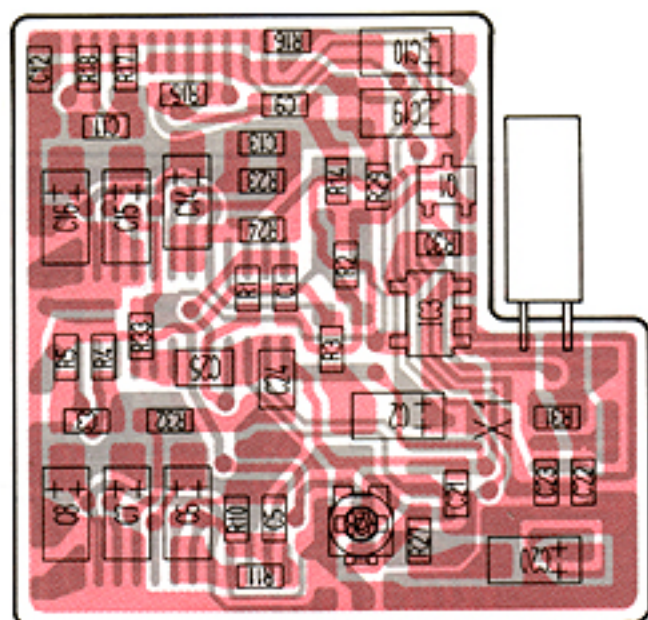
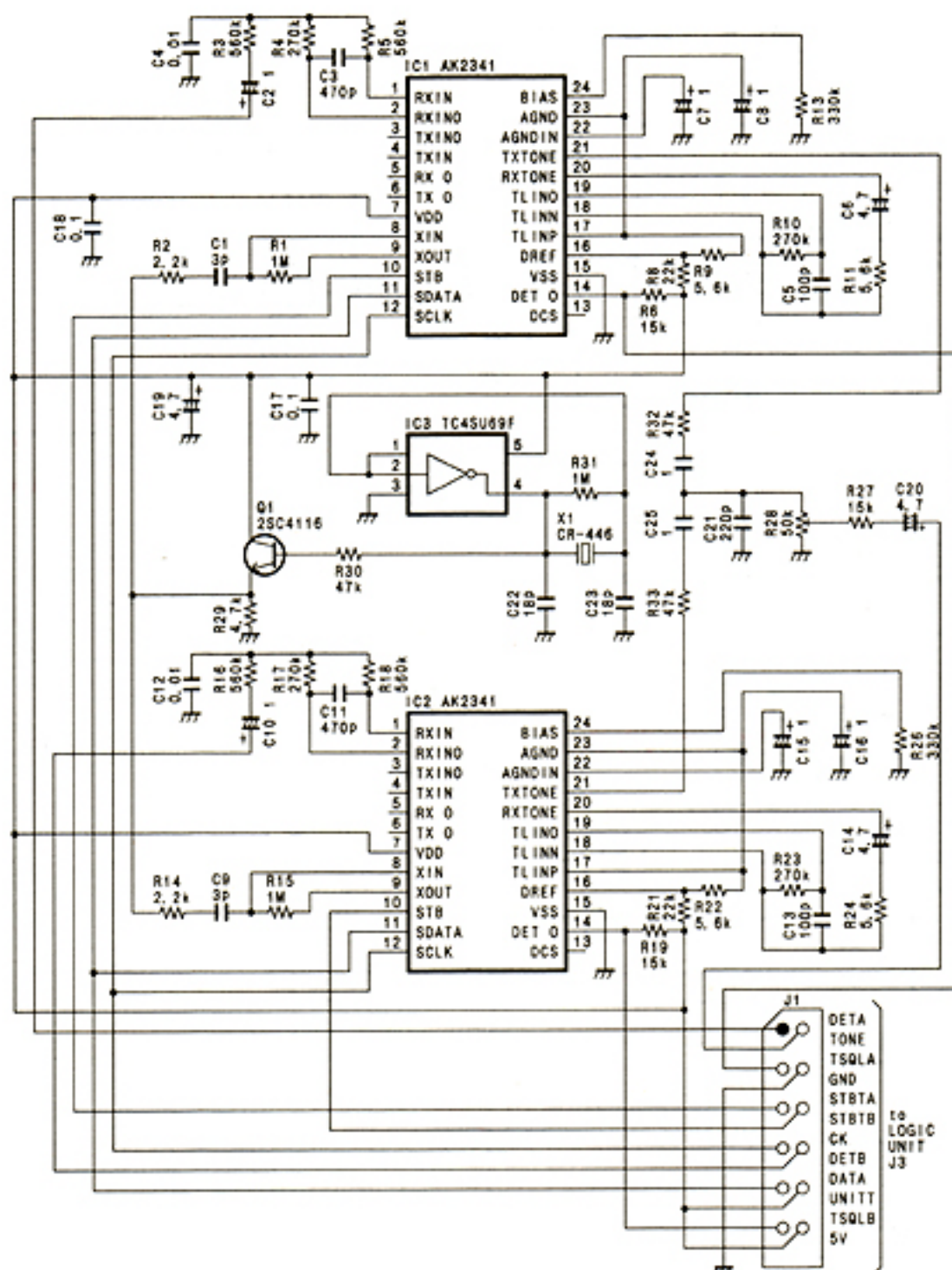


SECTION 9 OPTIONAL UNITS

9-1 UT-66 VOICE SYNTHESIZER UNIT

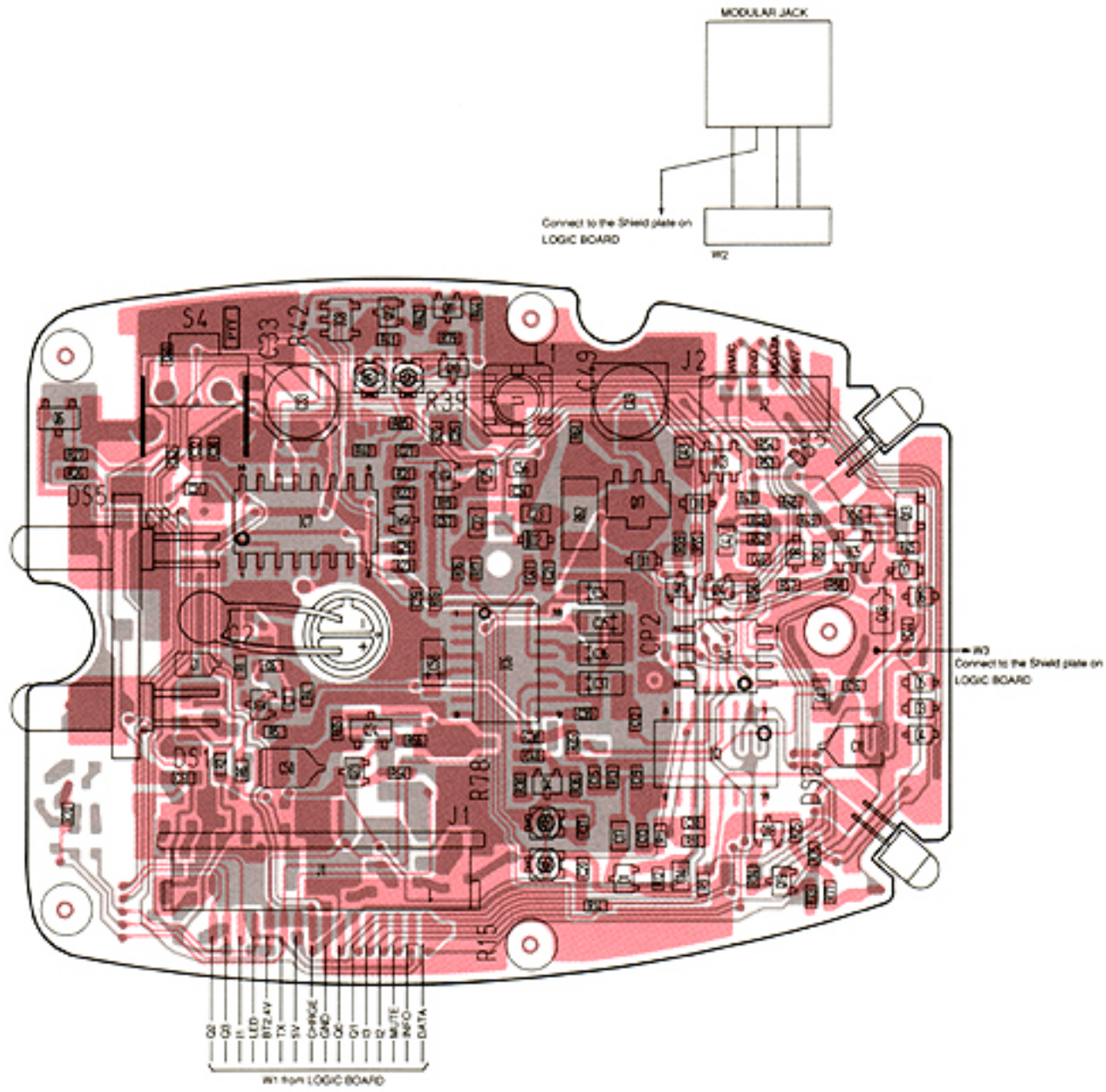


9-2 UT-84 TONE SQUELCH UNIT

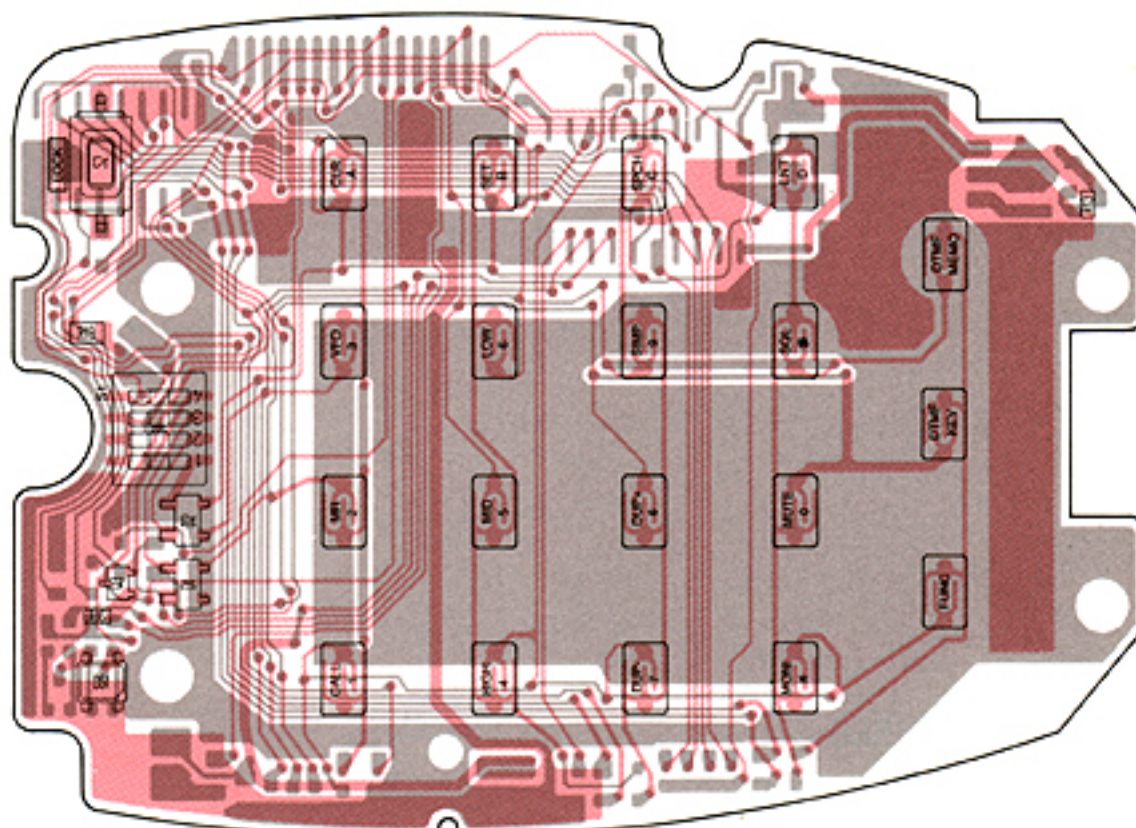


9-3 HM-90 WIRELESS MICROPHONE

• MAIN BOARD

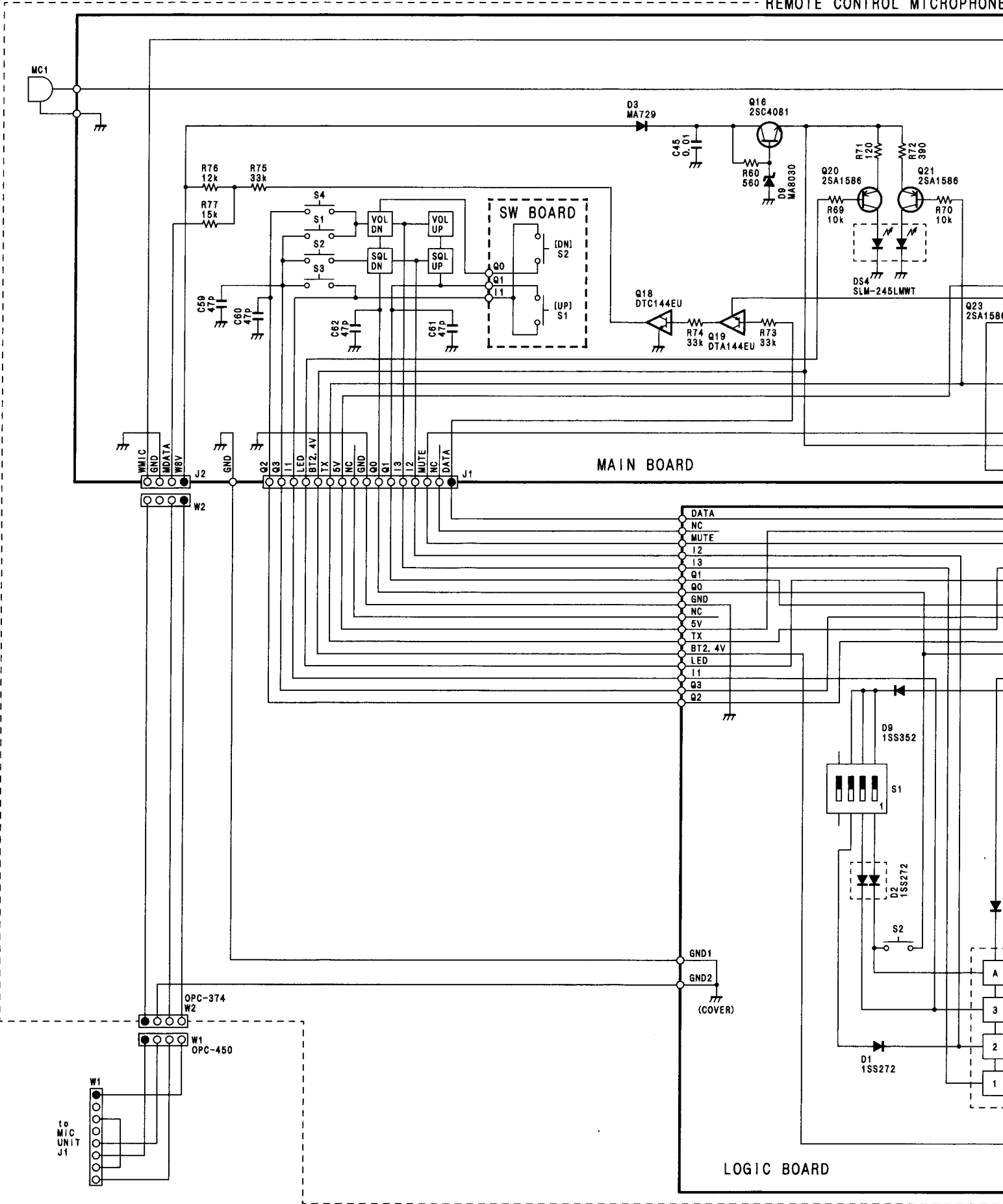


• LOGIC BOARD

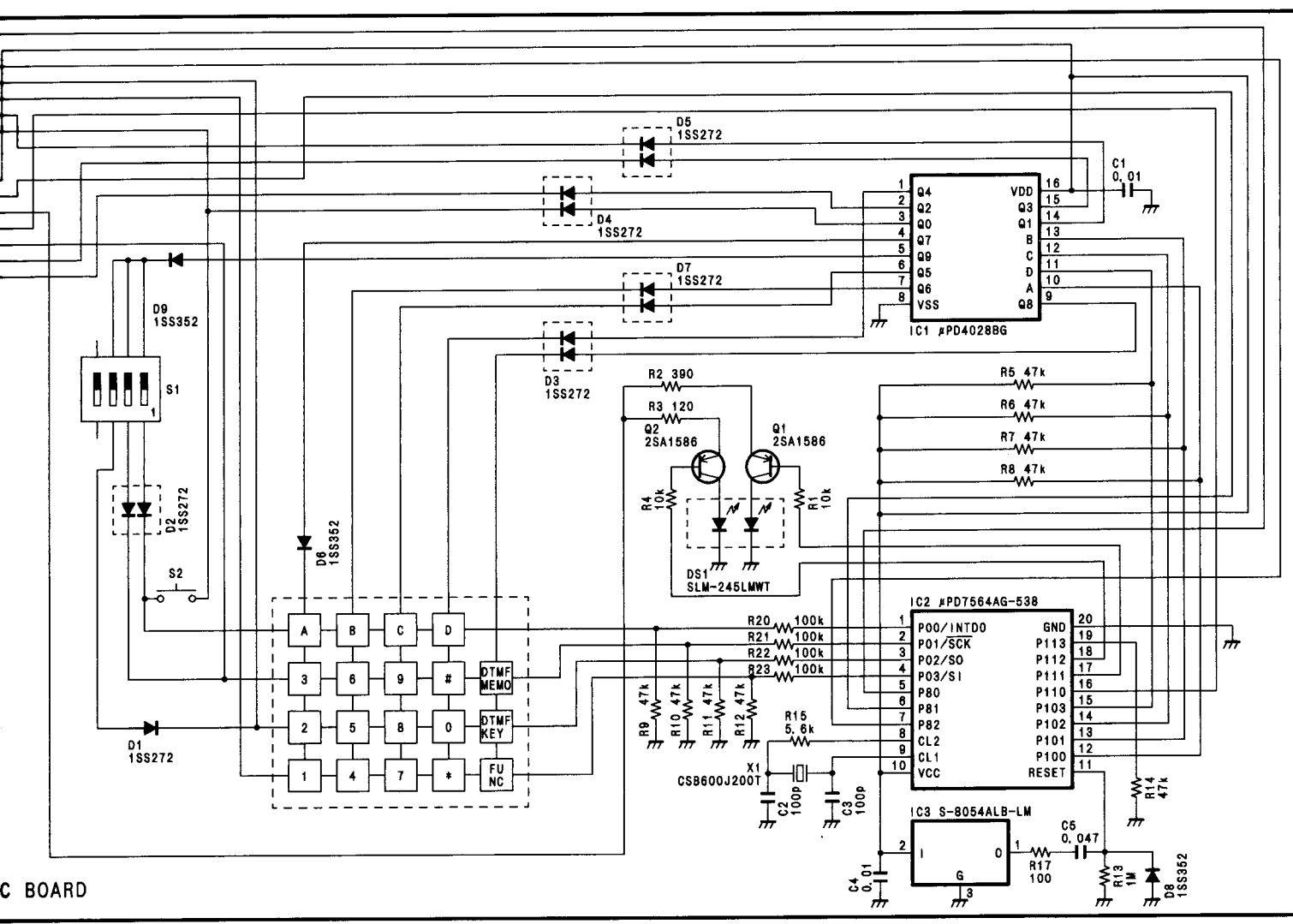
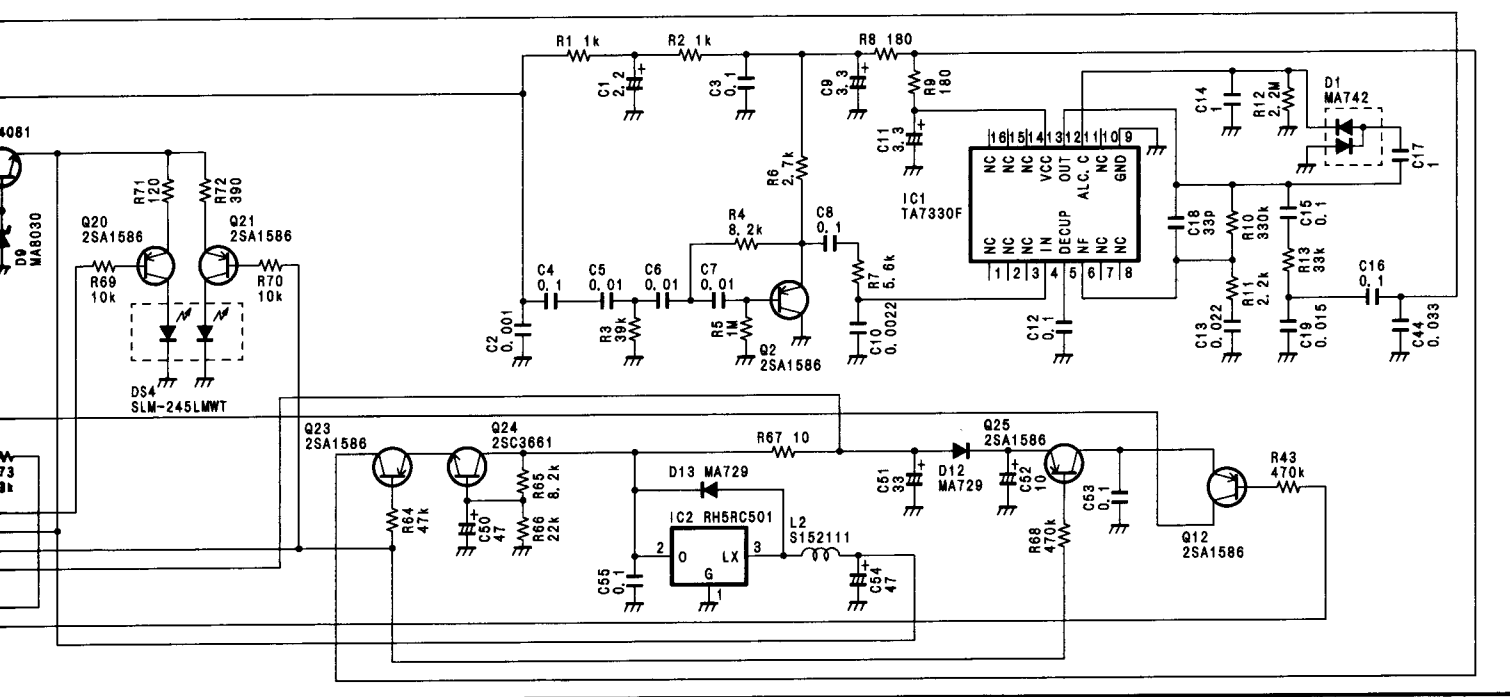


9-4 HM-92 REMOTE CONTROL MICROPHONE

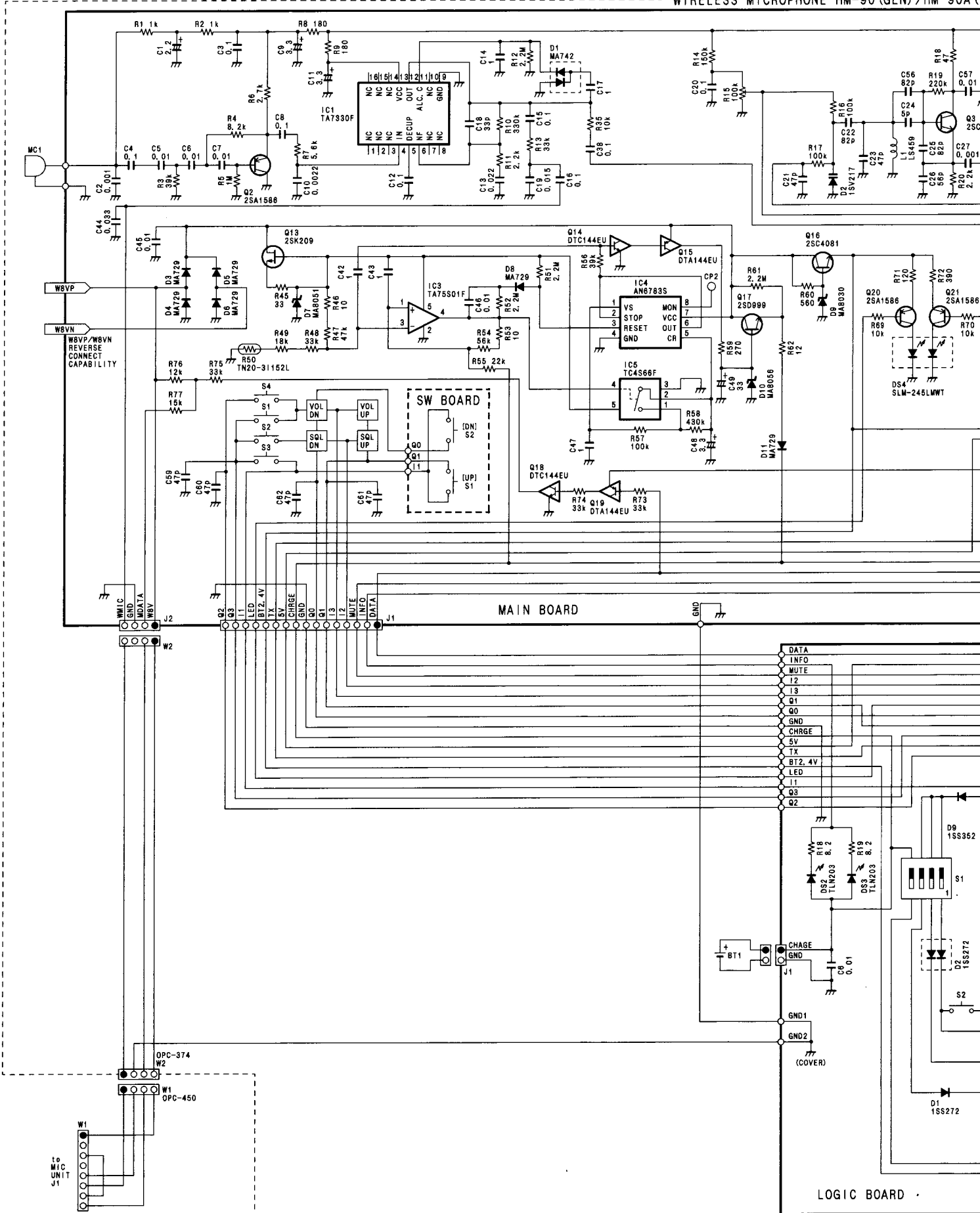
REMOTE CONTROL MICROPHONE



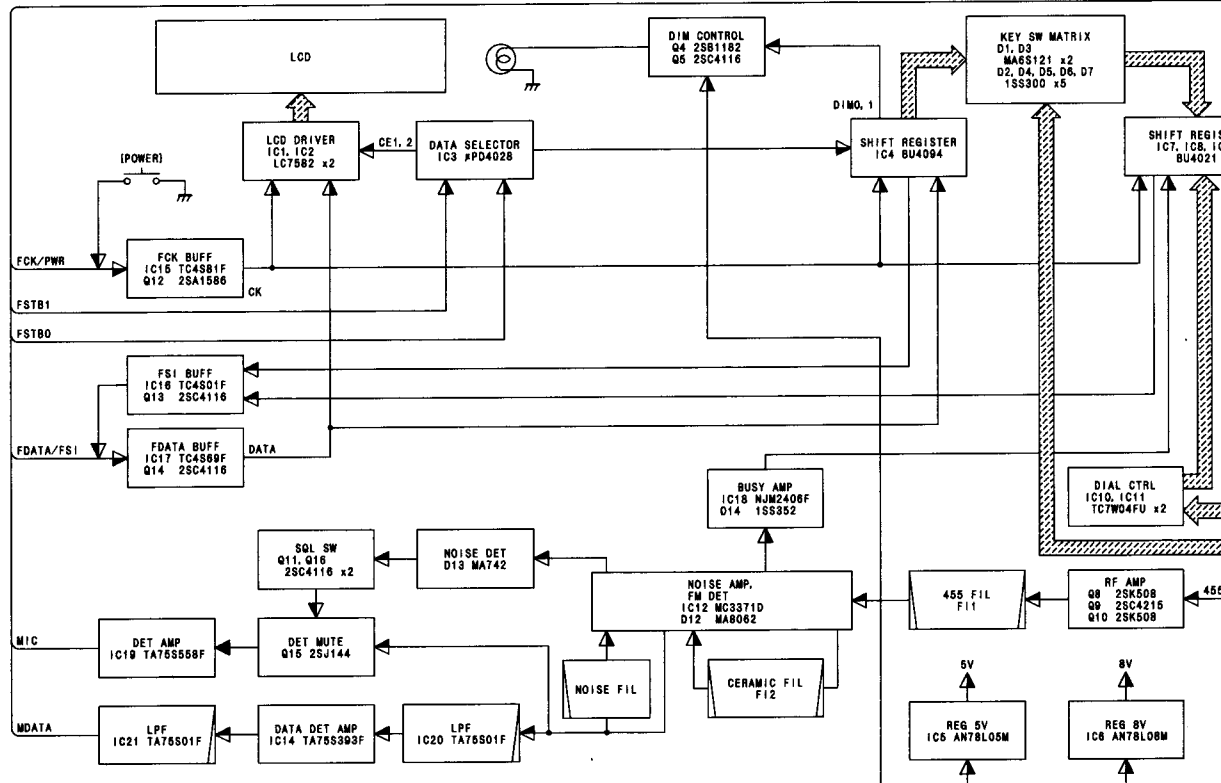
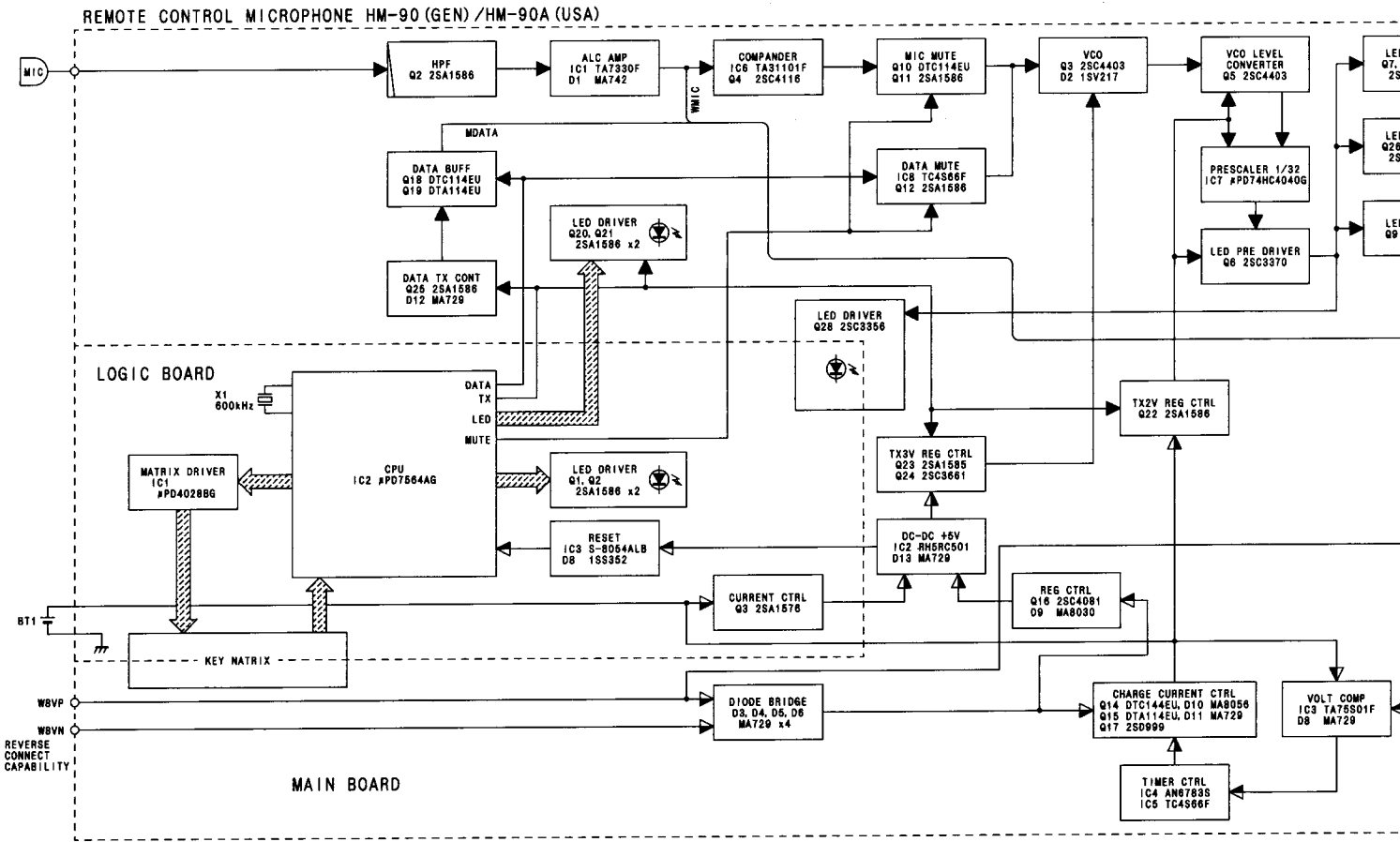
REMOTE CONTROL MICROPHONE HM-92

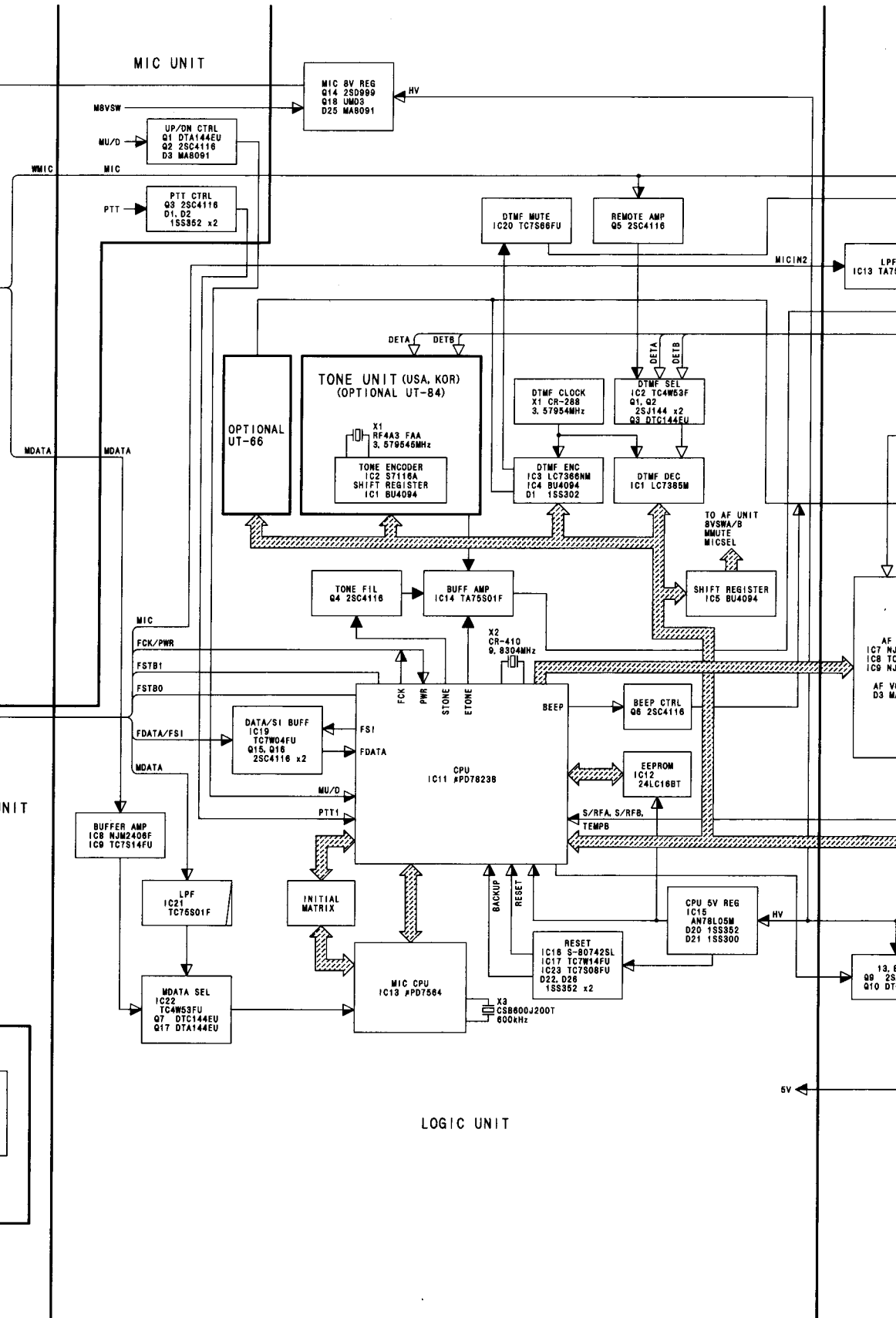
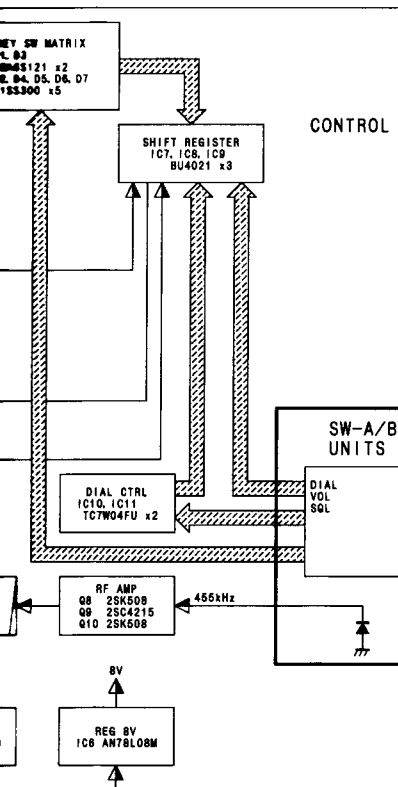
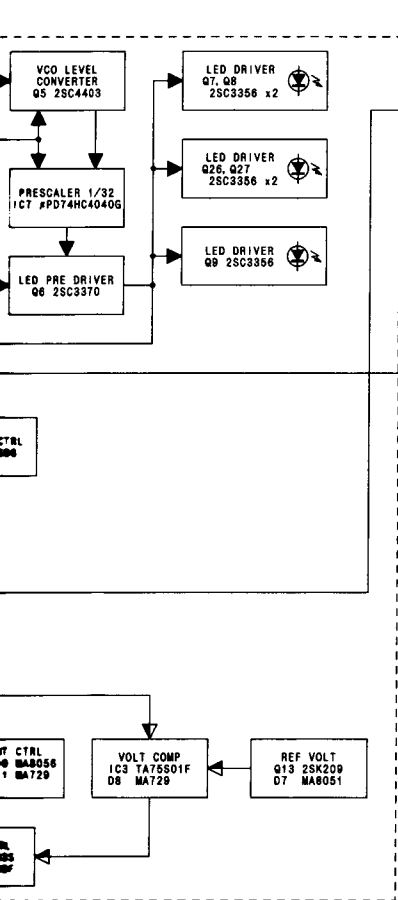


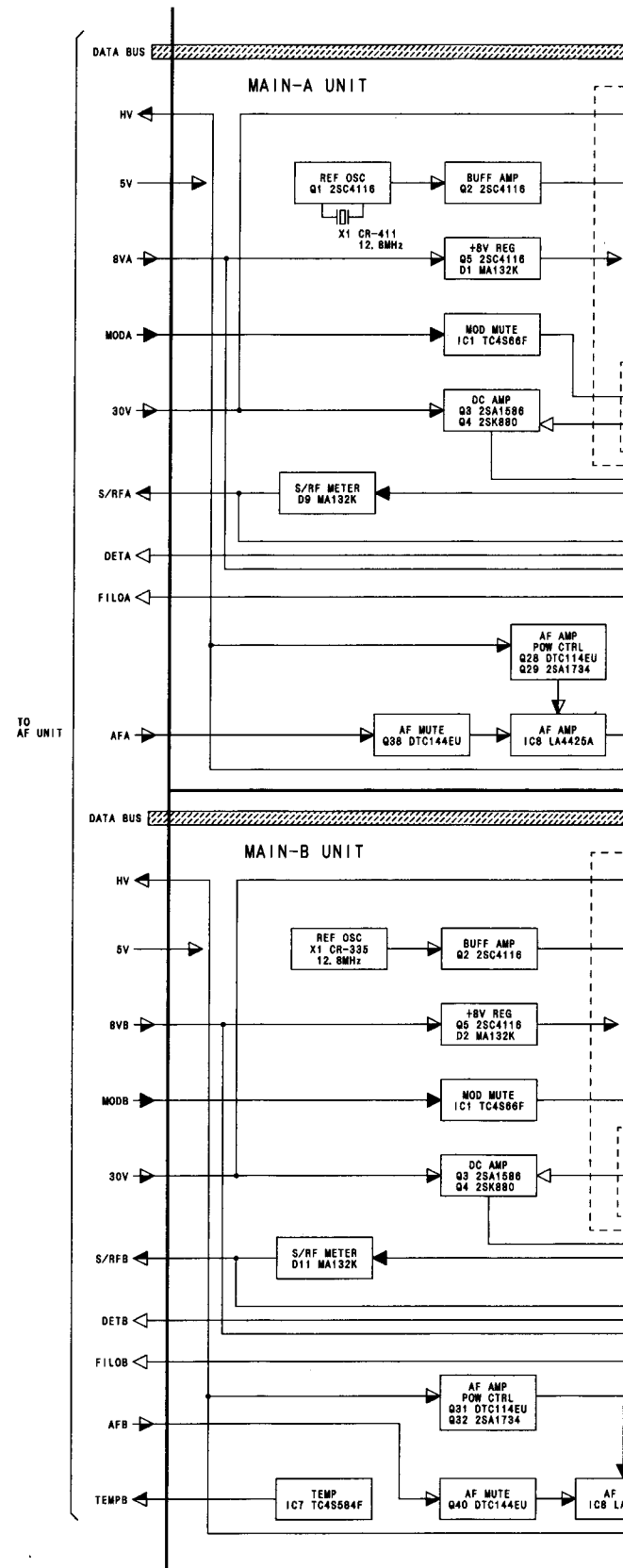
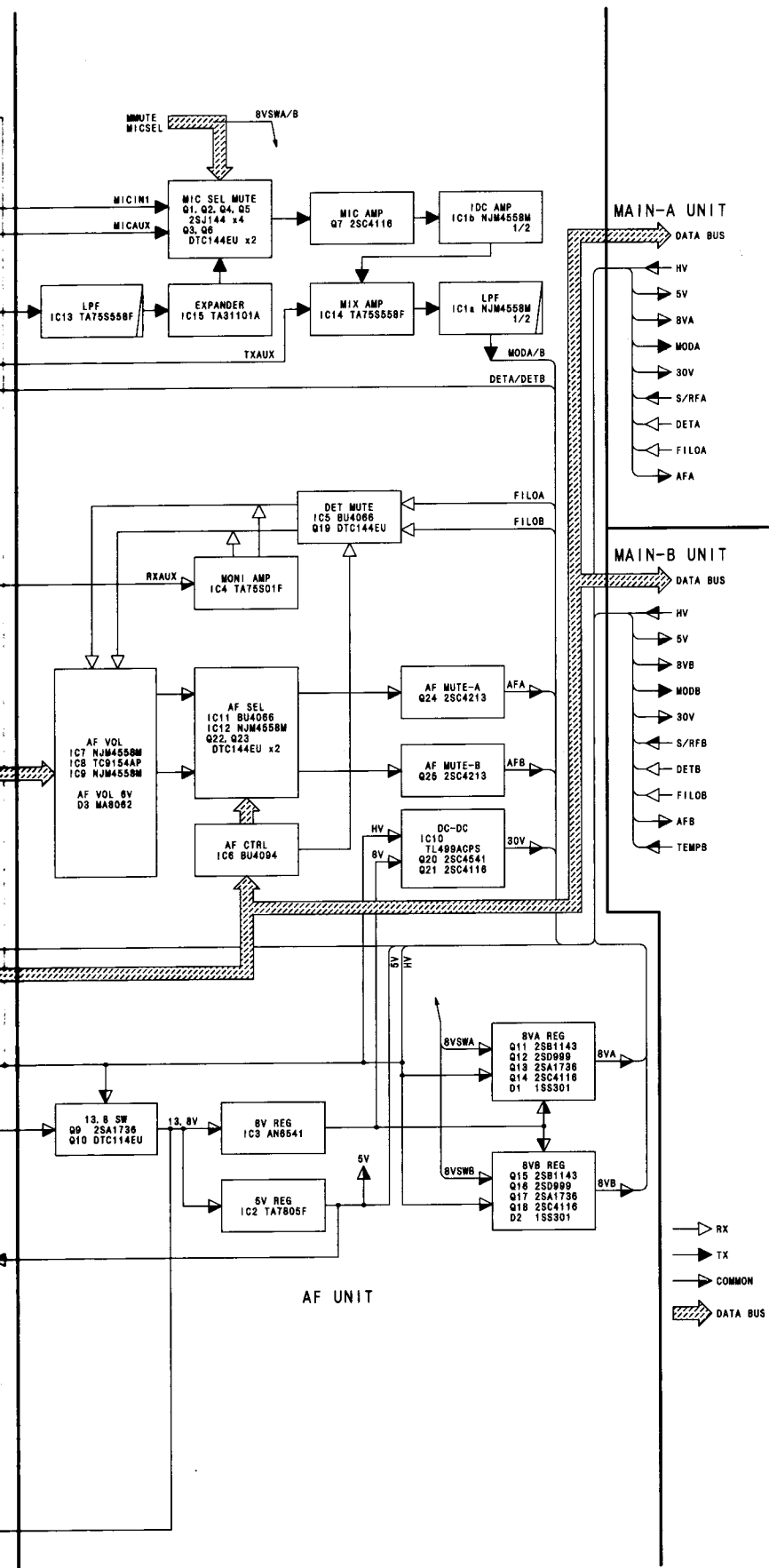
C BOARD

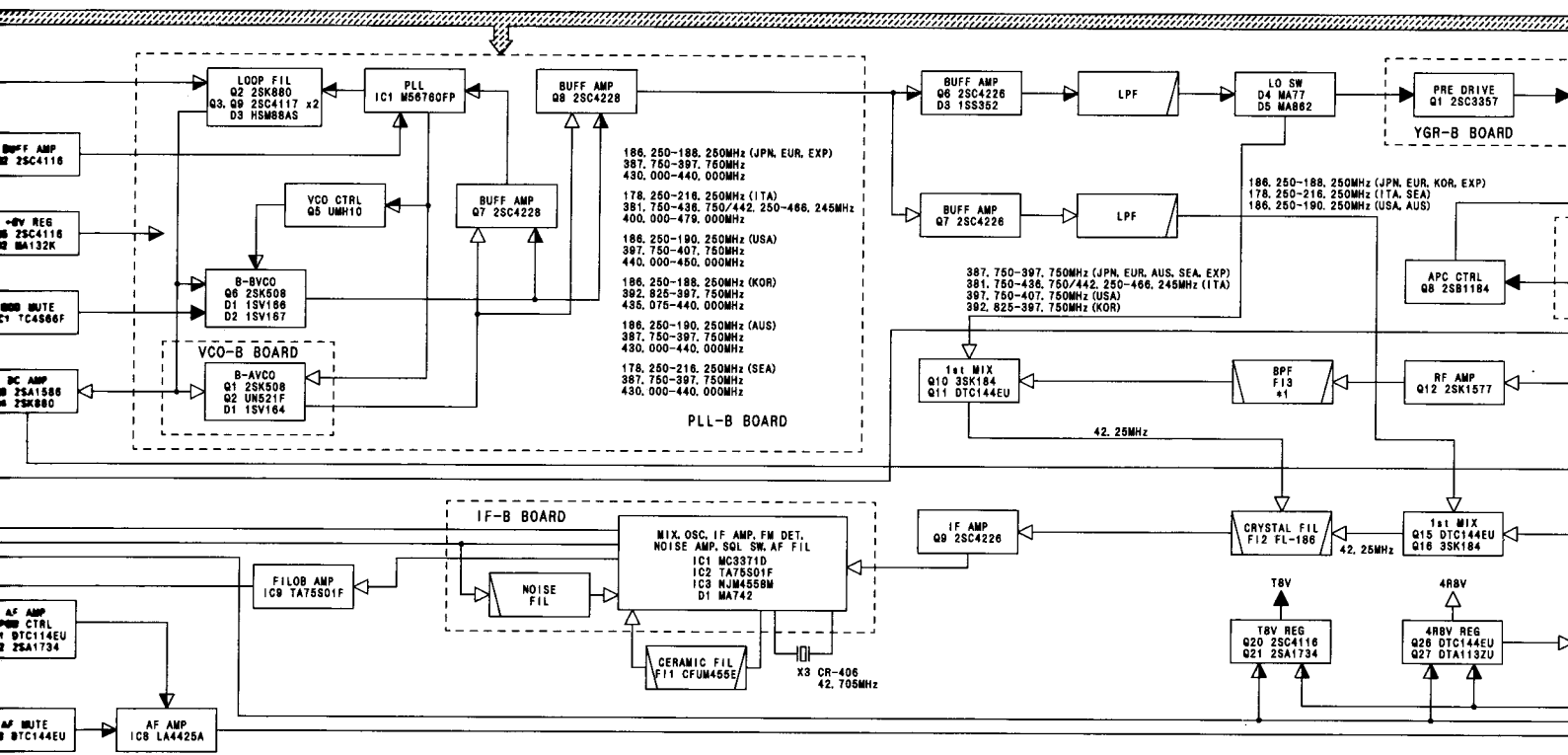
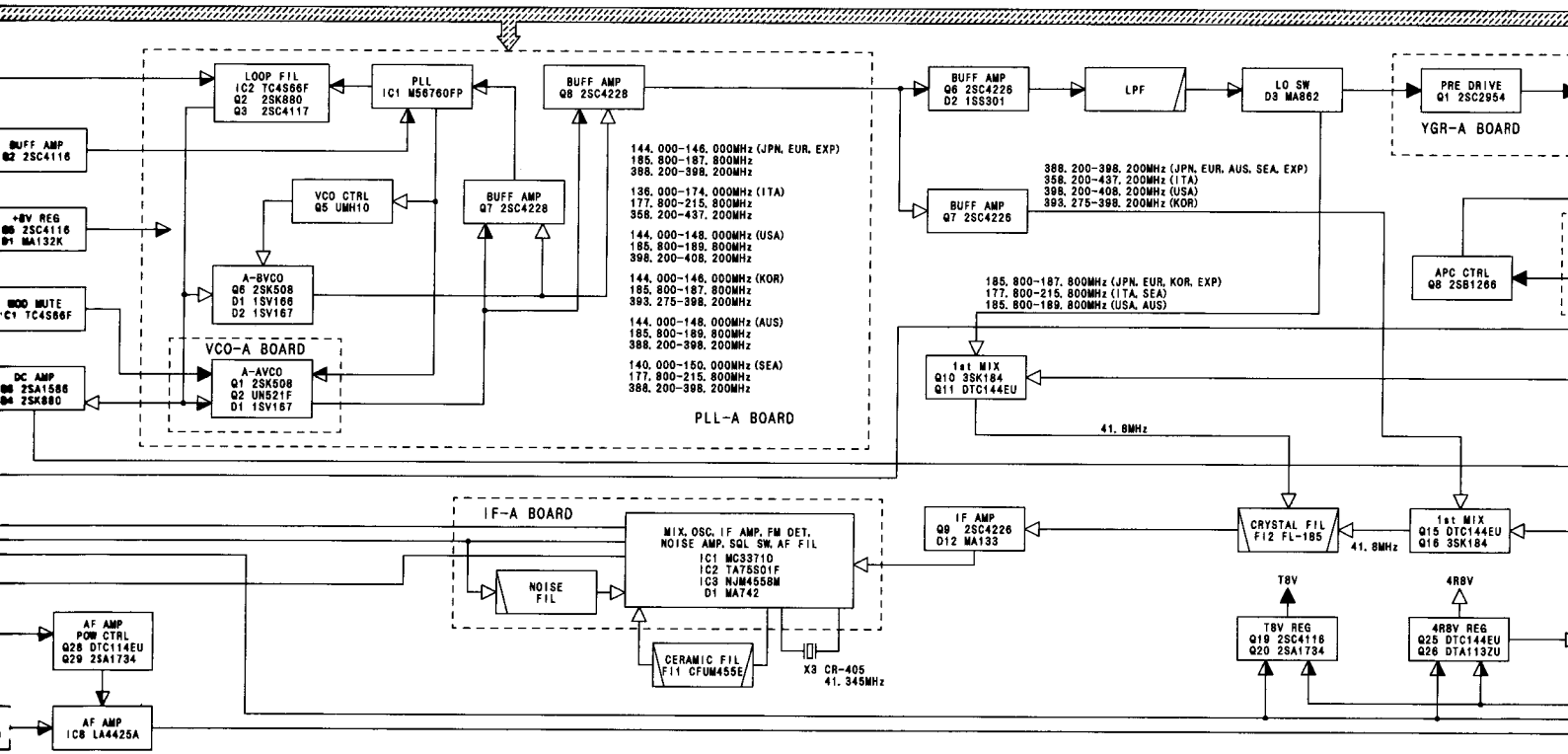


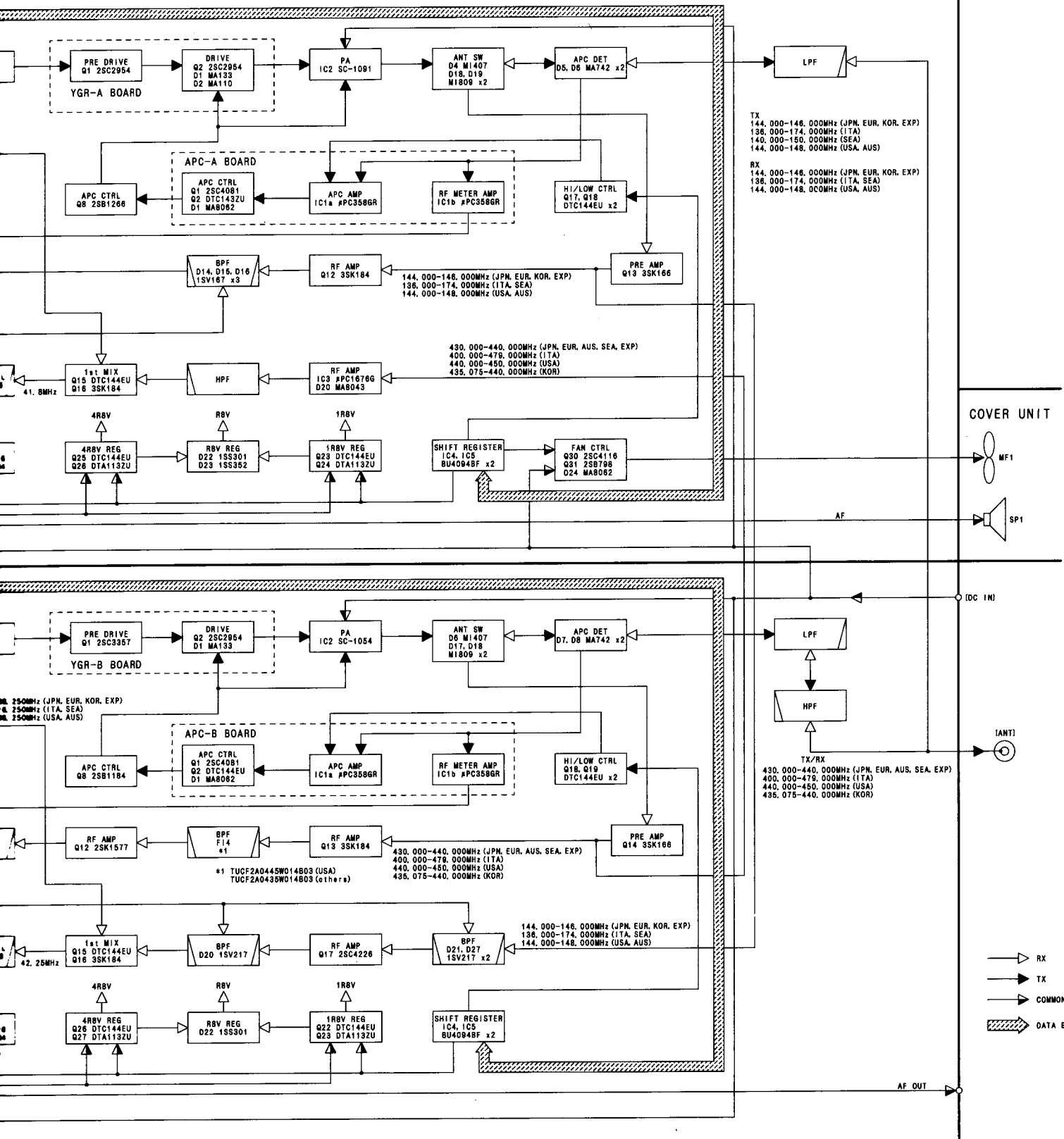
SECTION 10 BLOCK DIAGRAM





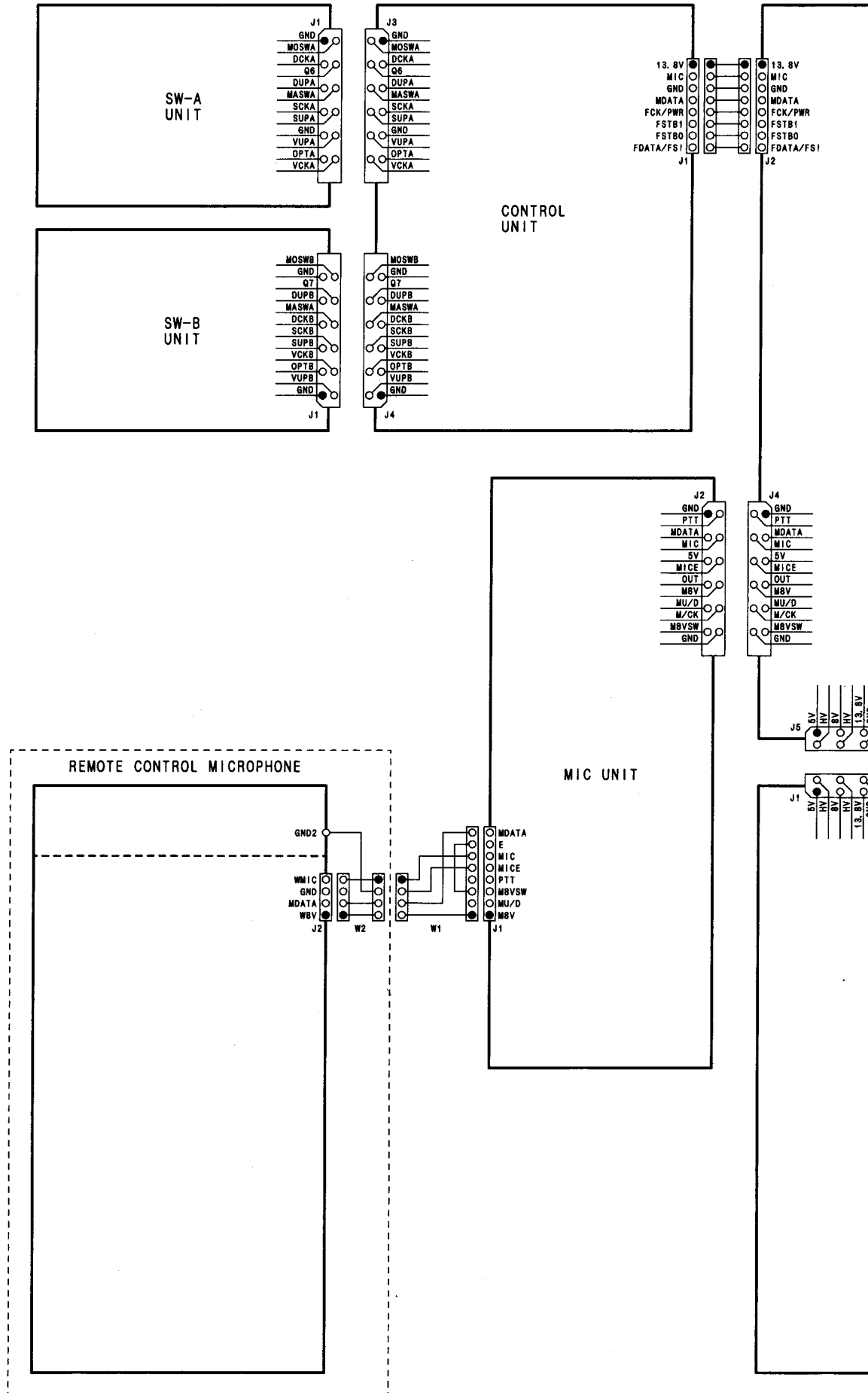


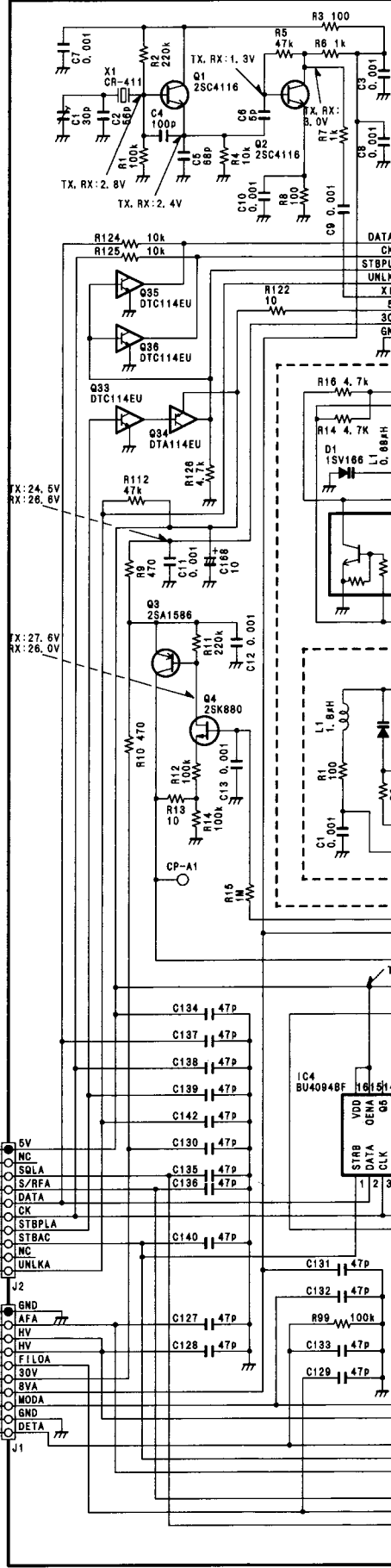
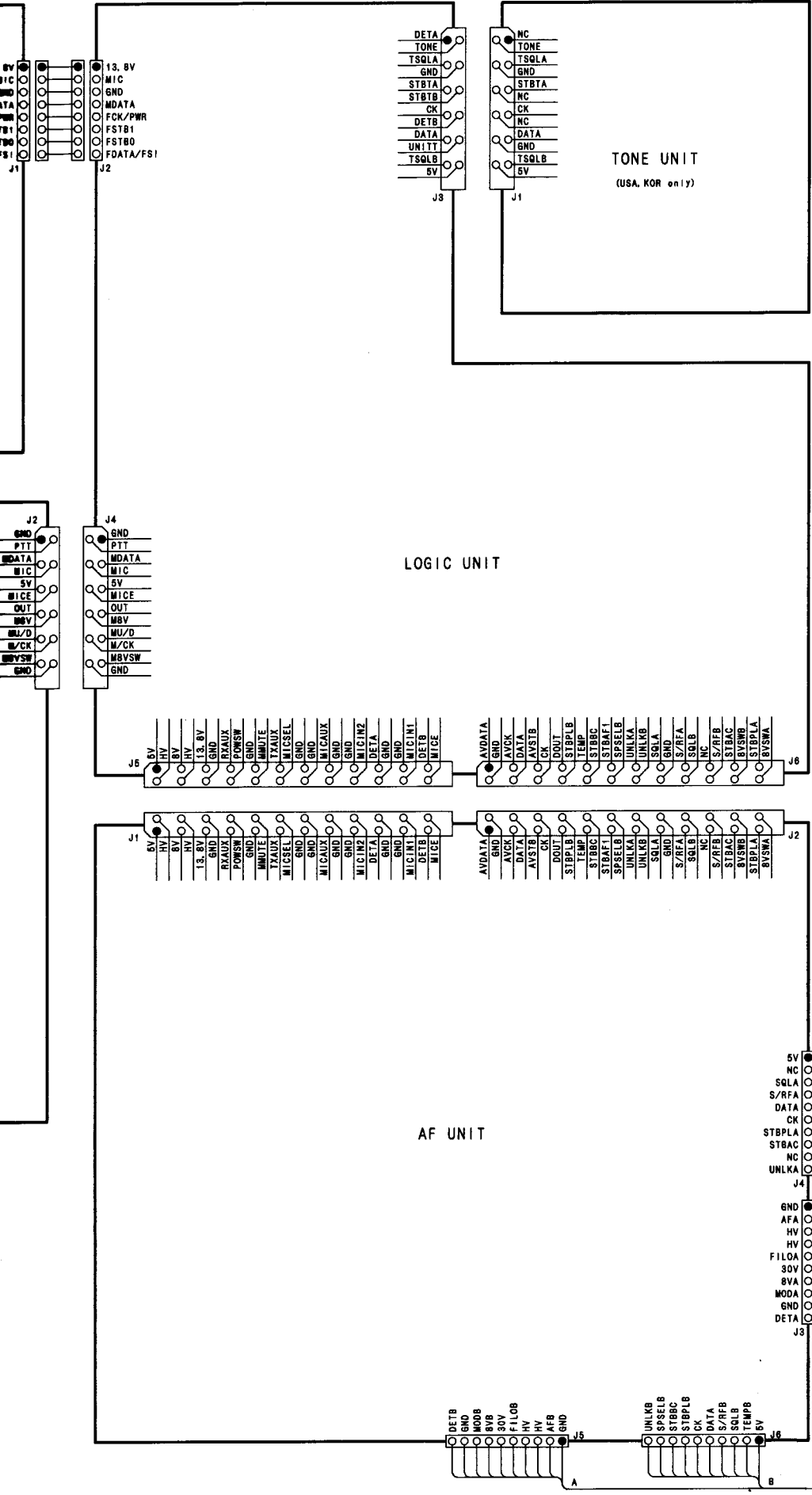


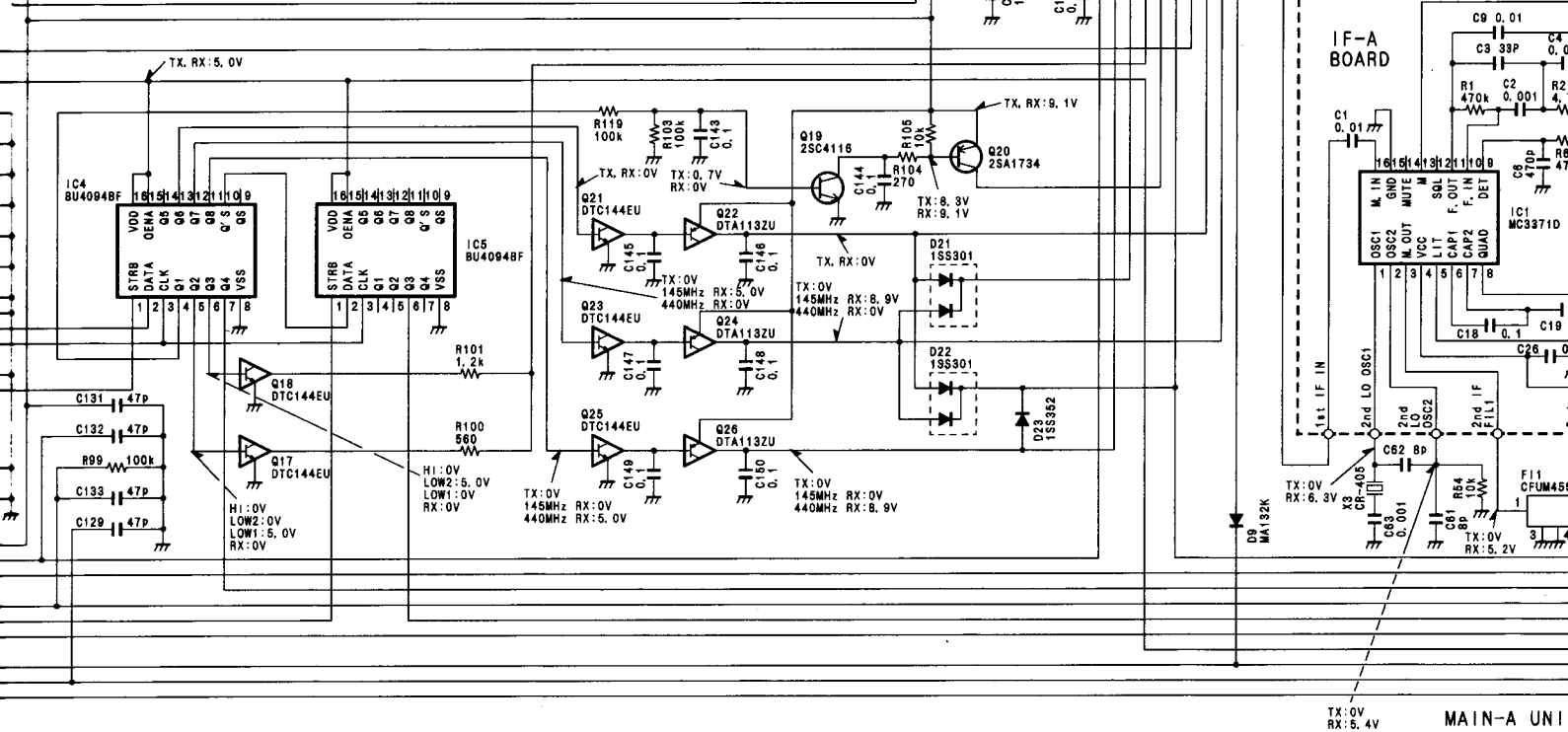
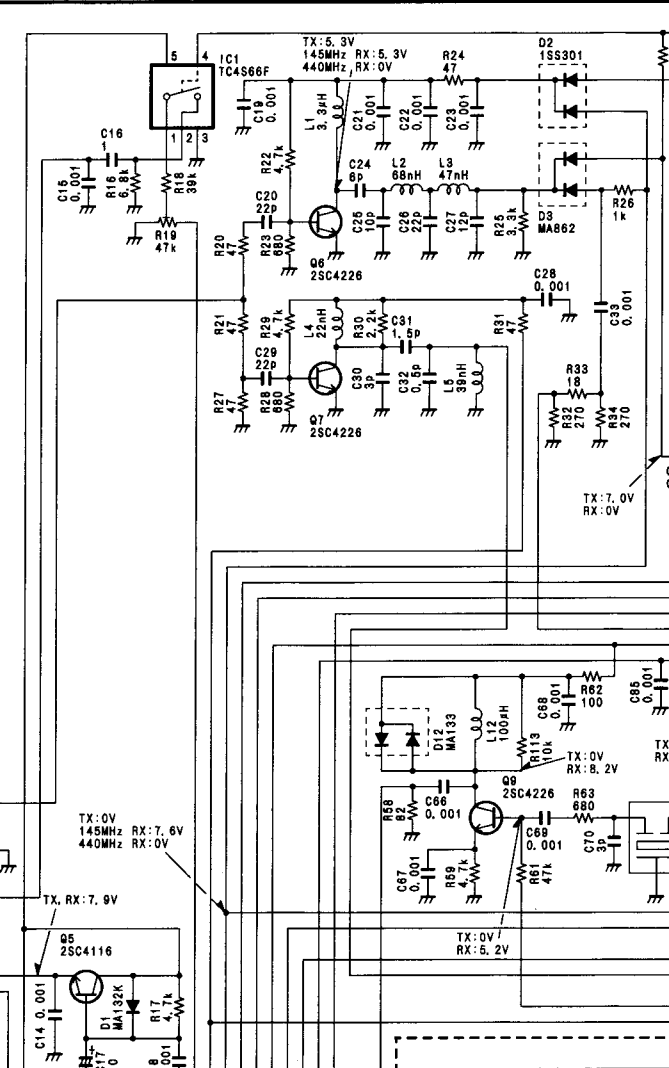
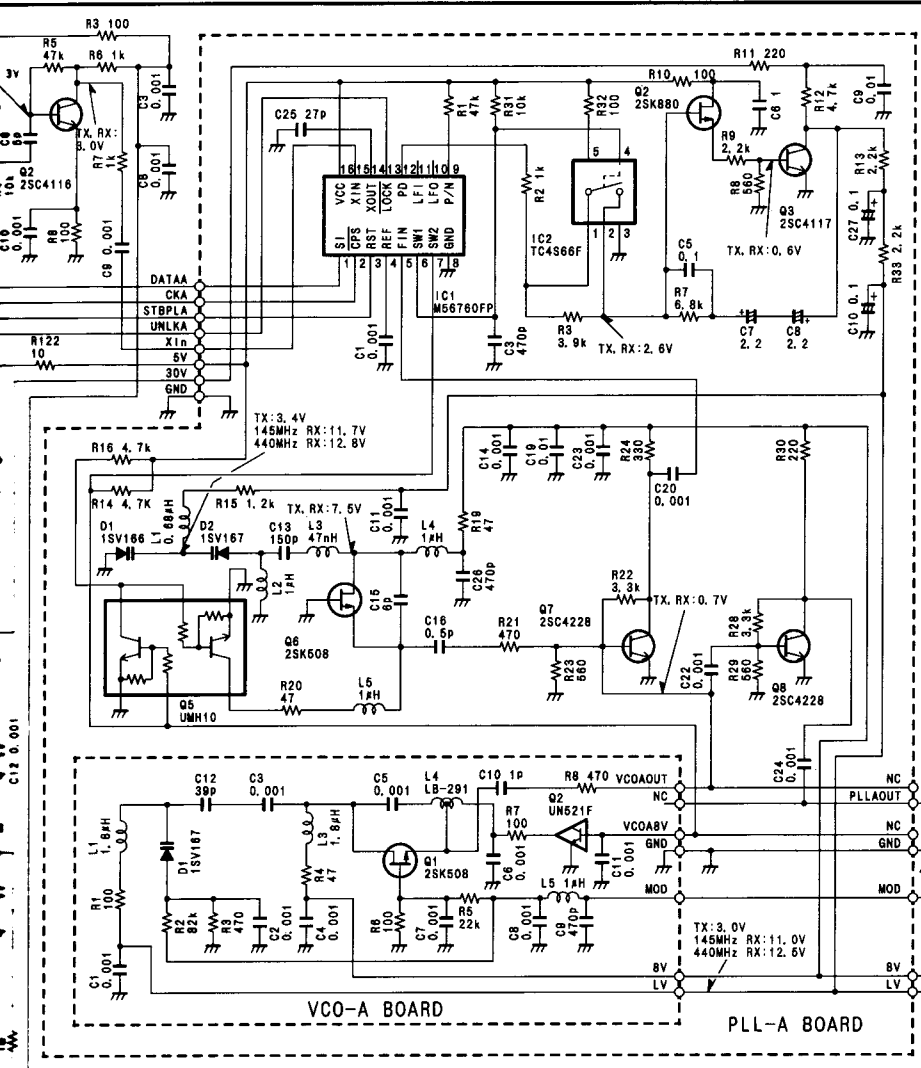


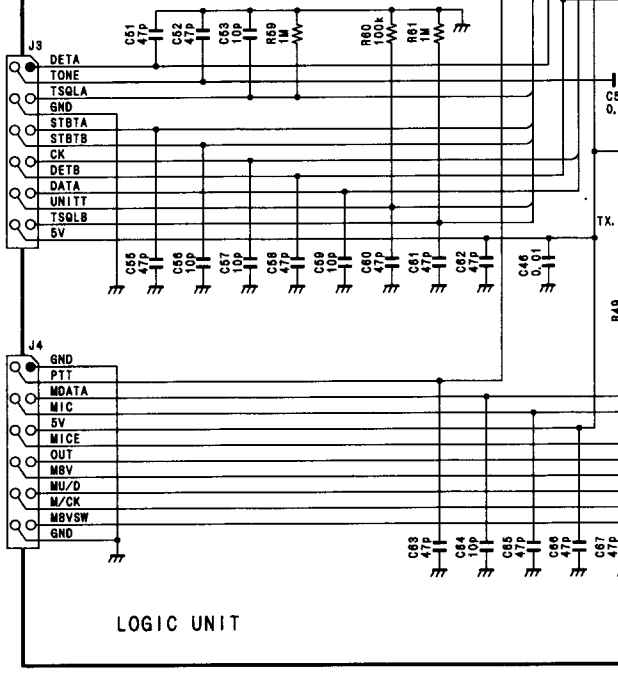
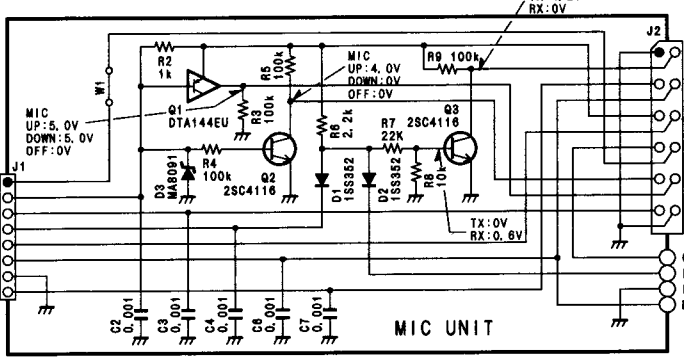
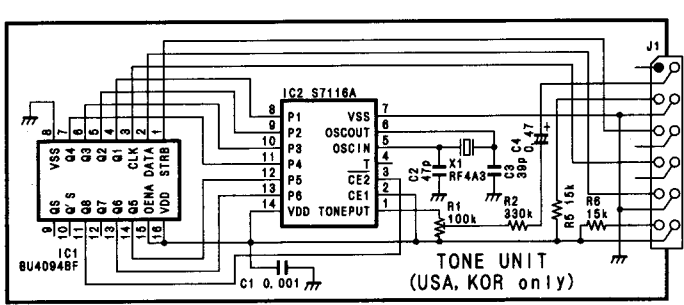
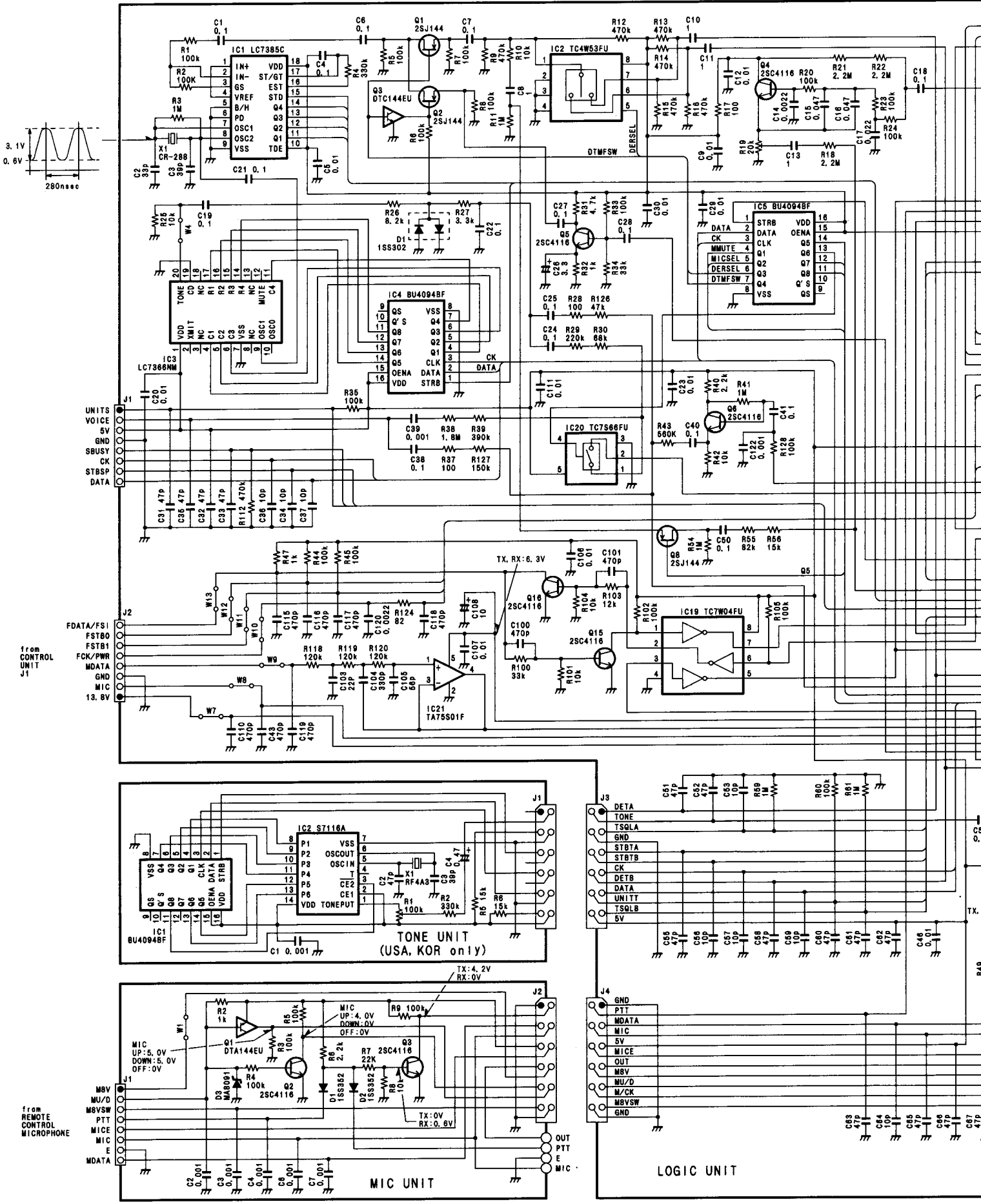
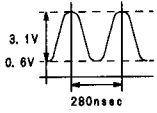
SECTION 11

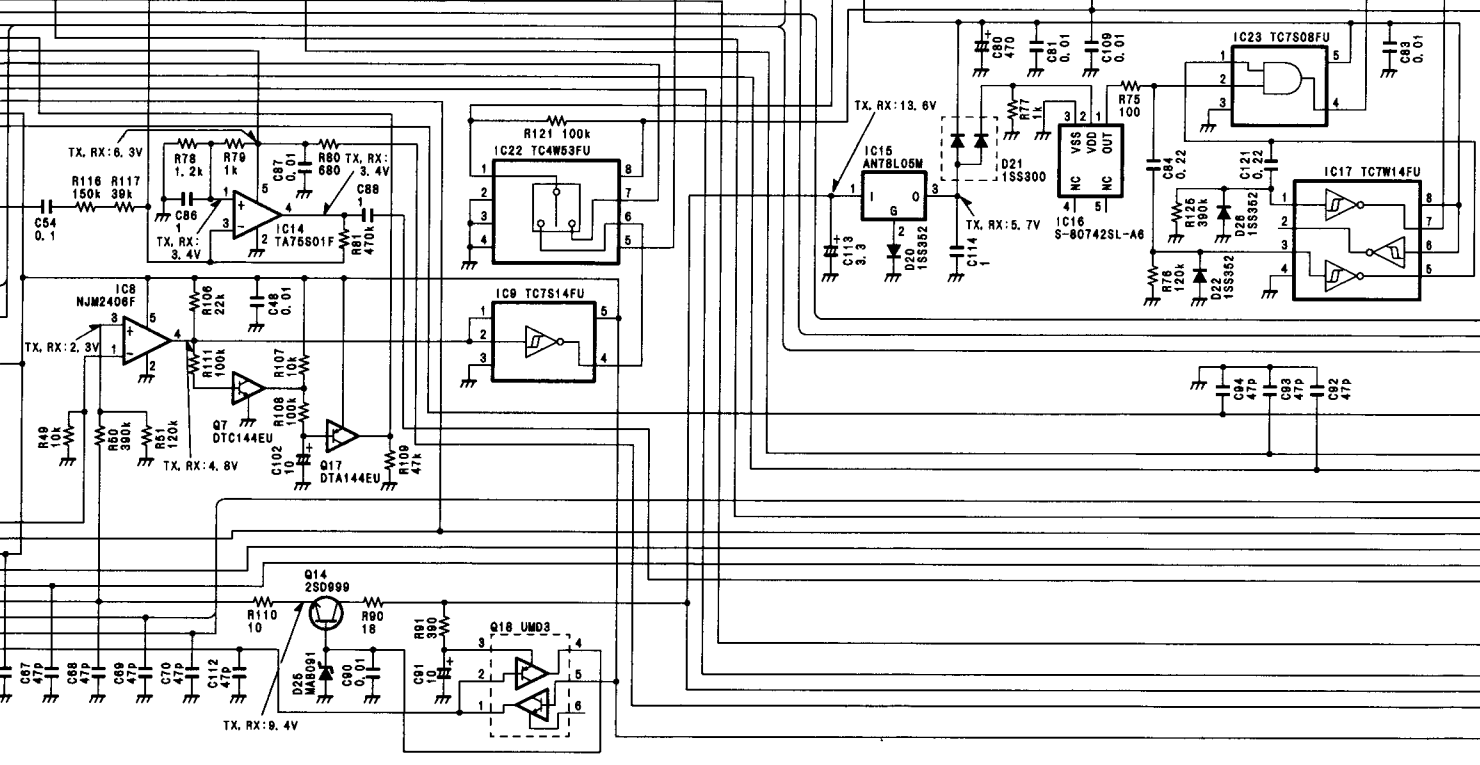
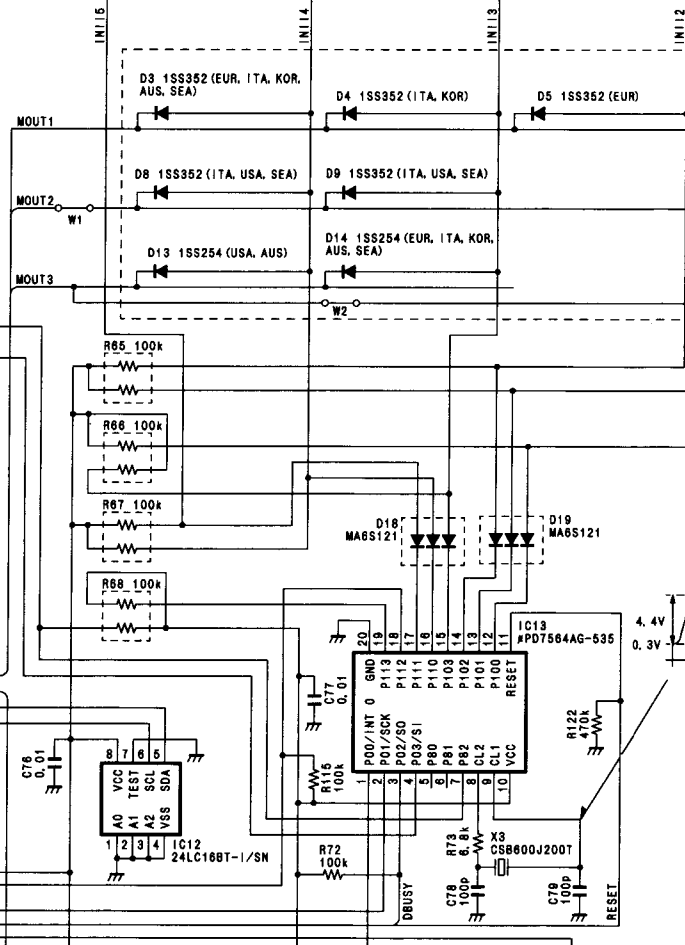
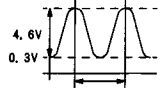
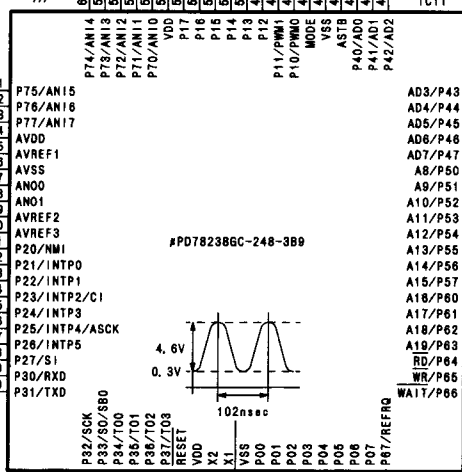
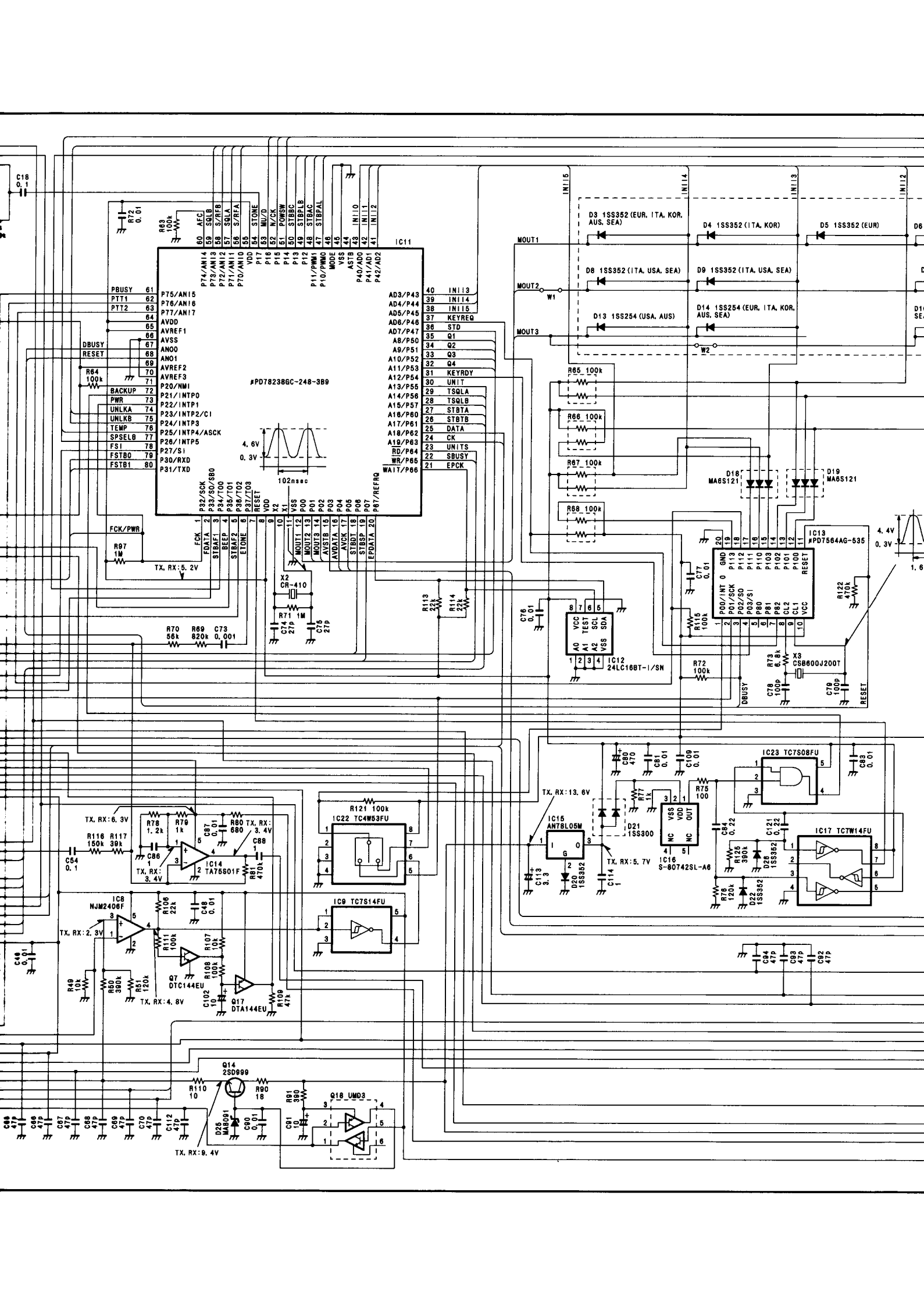
VOLTAGE DIAGRAM

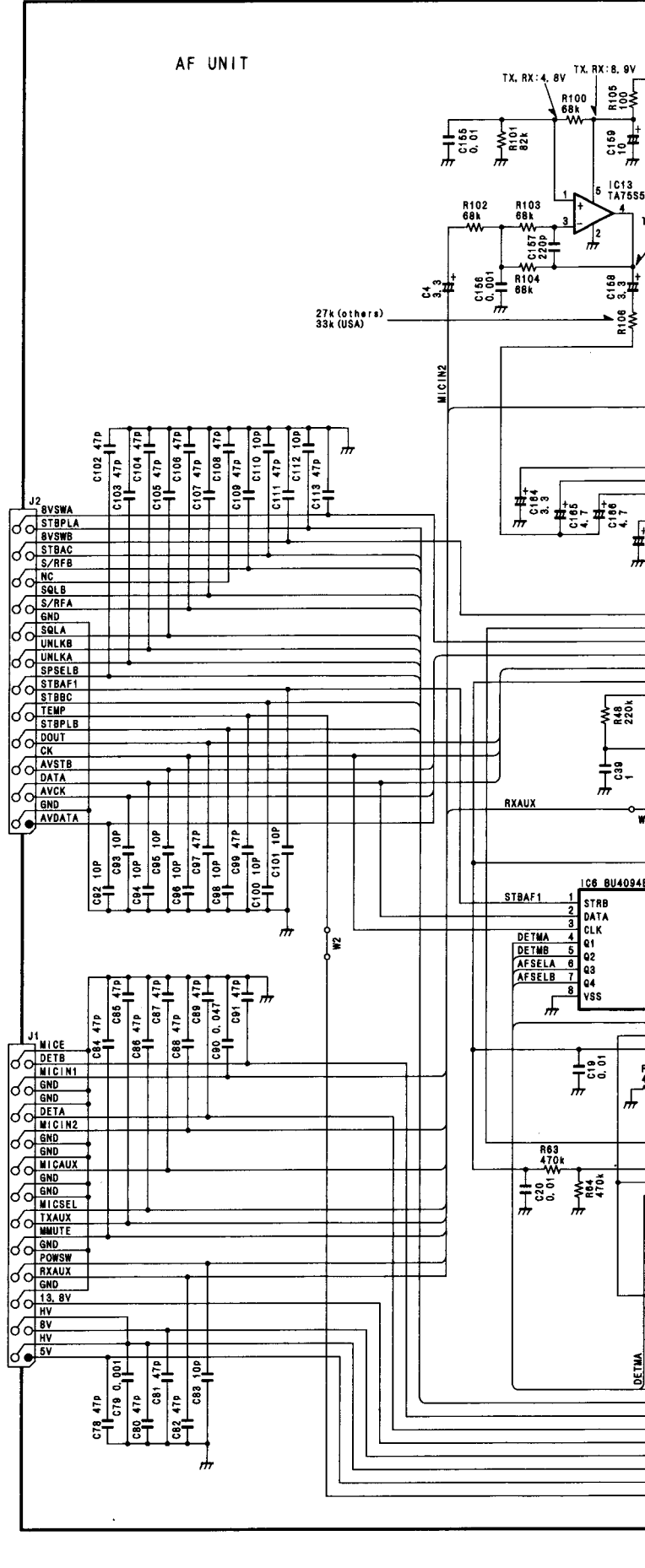
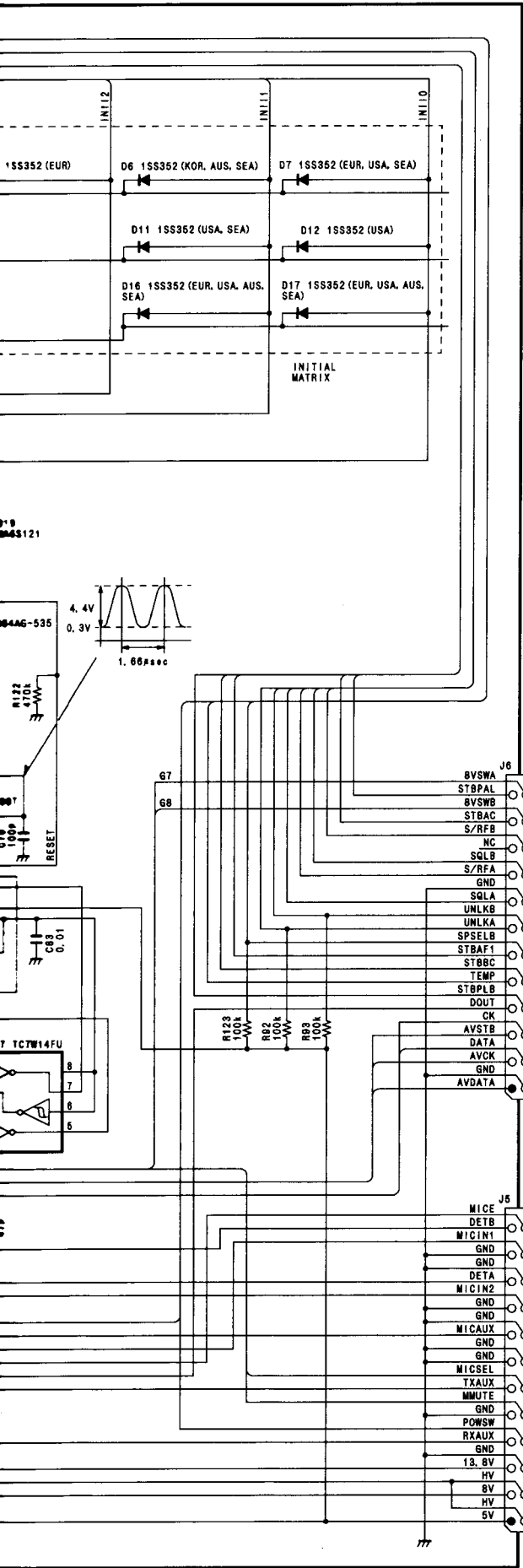


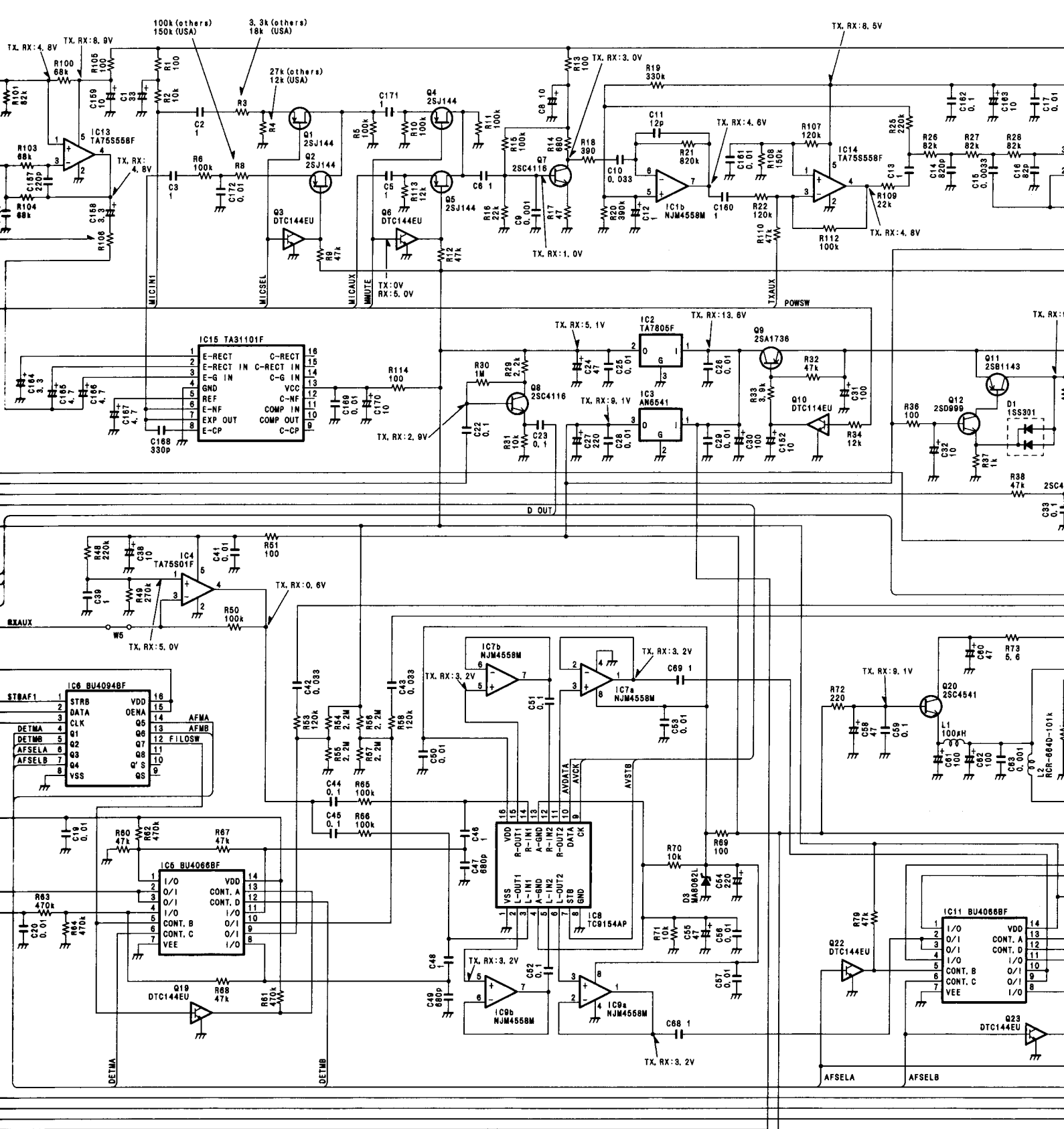


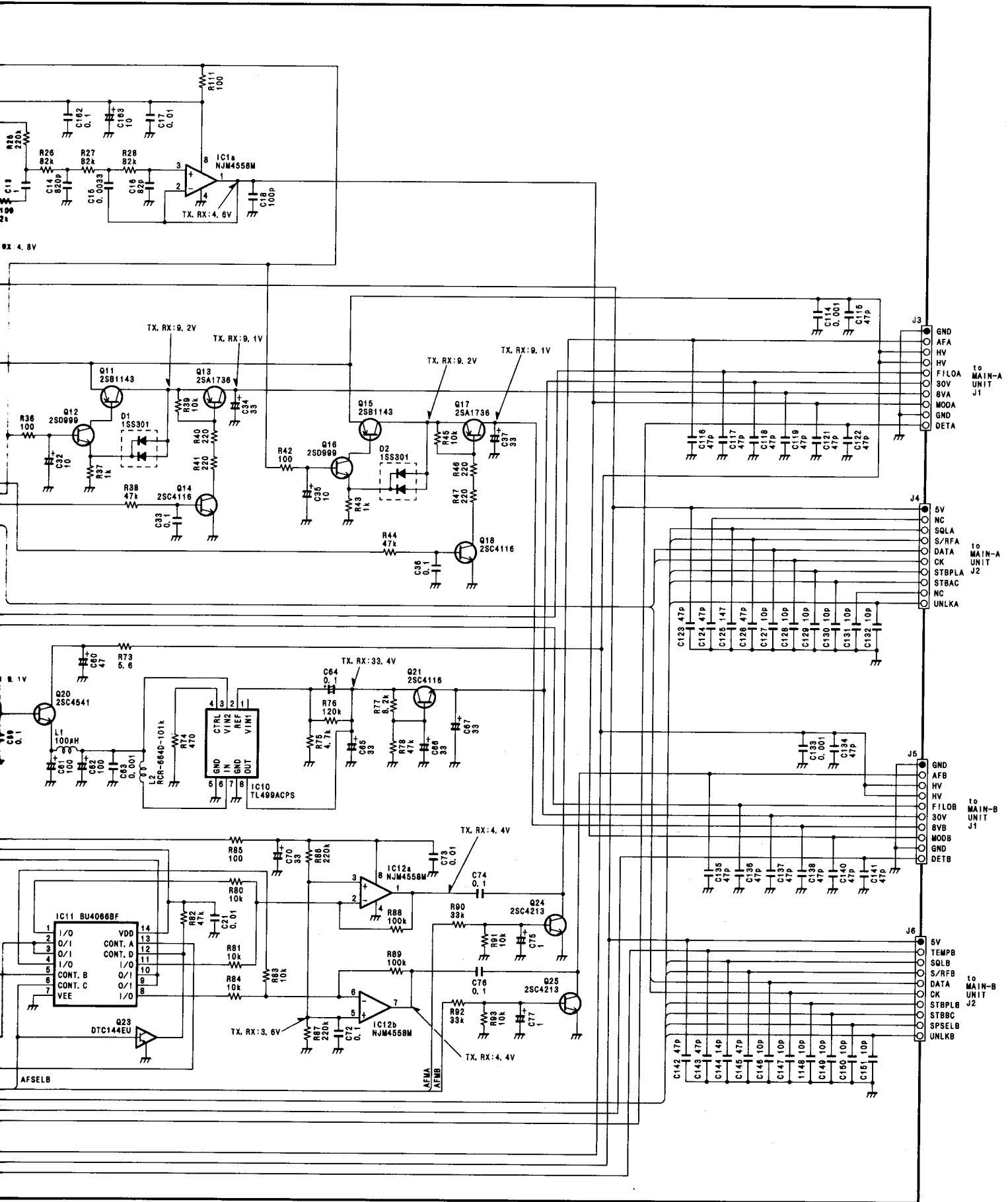


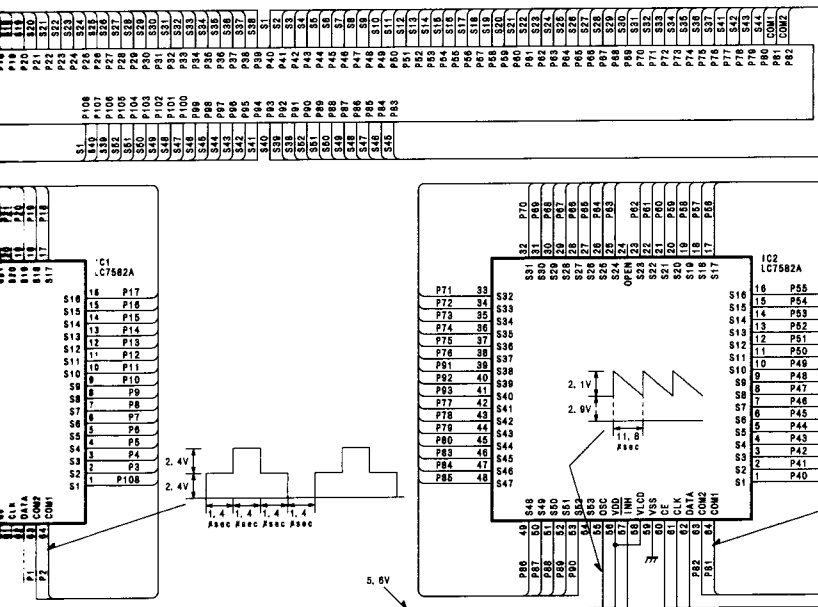




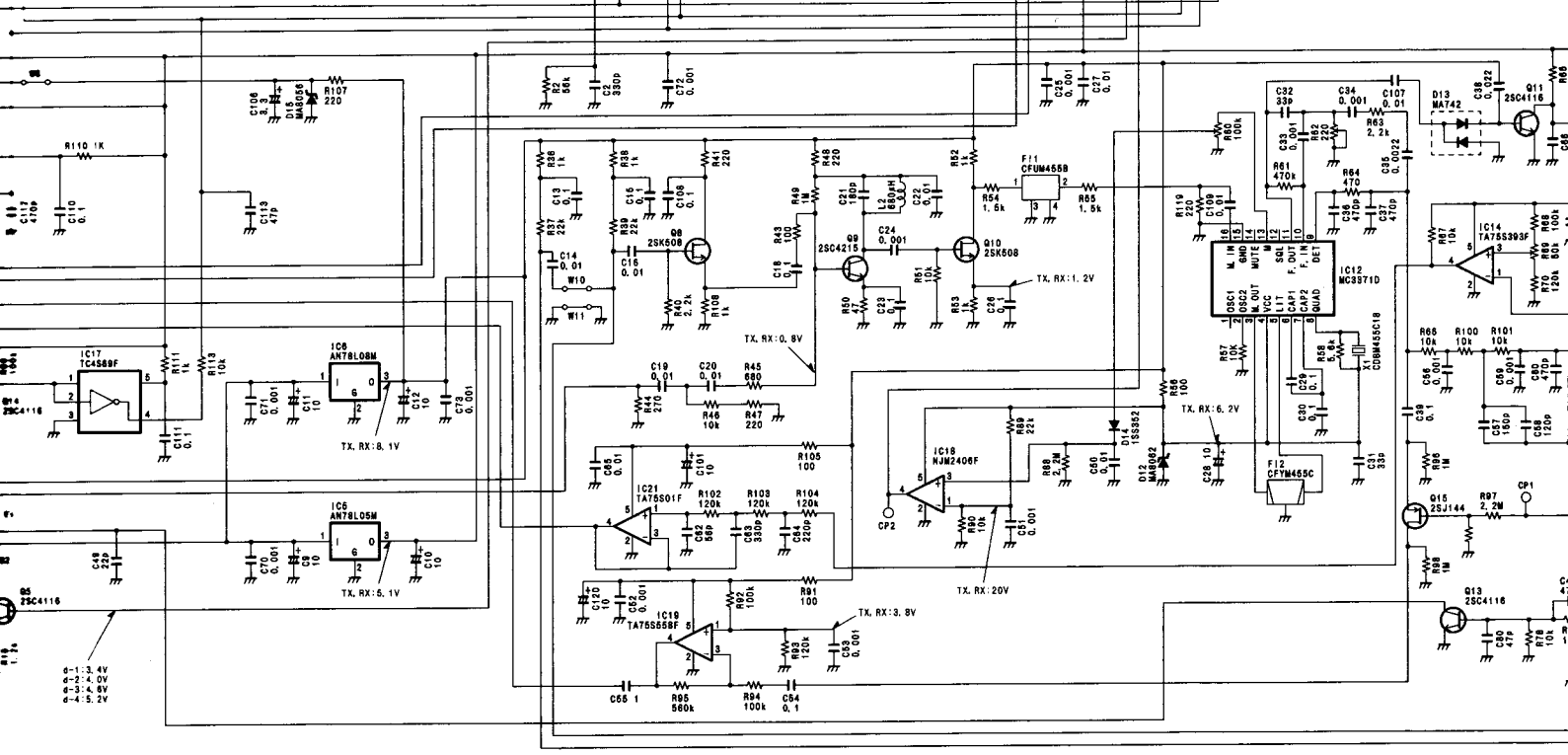








DS1
70-12624ABJK



- 0-1-3.4V
- 0-2-4.0V
- 0-3-4.8V
- 0-4-5.2V

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