

ICF-SW77

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model



SPECIFICATIONS

Circuit system

FM: Single conversion
 superheterodyne
 AM: Dual conversion
 superheterodyne

Power requirements

6 V DC
 Four R14 (size C) batteries
 DC IN 6 V jack accepts:
 • supplied AC power adaptor
 (except for Australian model)

Frequency range

| Type | Frequency coverage | | | |
|------|--------------------|------------|--------------|-----------------|
| | FM* | LW | MW | SW |
| 1 | 76.0-108MHz | 150 | | 29,999.9kHz |
| 2 | 87.5-108MHz | 150 | | 29,999.9kHz |
| 3 | 87.5-108MHz | 150-285kHz | 531 | 26,100kHz |
| 4 | 87.5-108MHz | 150-285kHz | 531-1,602kHz | 3,850-26,100kHz |

*Stereo reception when using stereo earphones

Type 1: Countries that are not listed below

Type 2: Germany, Austria, and Scandinavian countries

Type 3: Saudi Arabia

Type 4: Italy

Intermediate frequency

FM: 10.7MHz
 LW/MW/SW: 55.845MHz (first)
 455kHz (second)

Antennas

FM/SW: Telescopic antenna
 MW/LW: Built-in ferrite bar,
 antenna

Speaker

Approx. 125 x 77 mm (5 x 3 in.)
 8Ω

Power output

400 mW (at 10 % harmonic distortion)

Outputs

Recording output jack (stereo minijack)
 Output level 138 mV
 (-15 dB)
 Output impedance less than
 10 kilohm
 Earphone jack (stereo minijack)

Battery life

• DCC-E160L car battery cord
 (not supplied) for use with 12 V
 car battery

Approx. 20 hours (FM reception)
 Approx. 12 hours (AM reception)
 of listening for four hours a day
 at a normal volume, using Sony
 SUM-2(NS) batteries.

— Continued on next page —

**LW/MW/SW/FM STEREO
 PLL SYNTHESIZED RECEIVER**
SONY


ICF-SW77

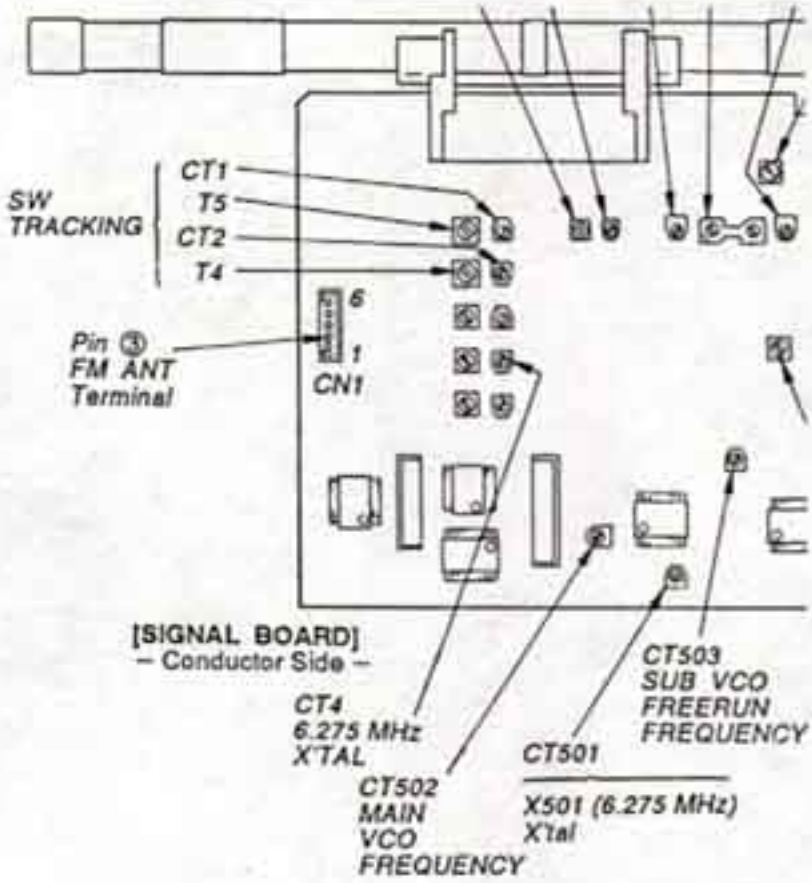
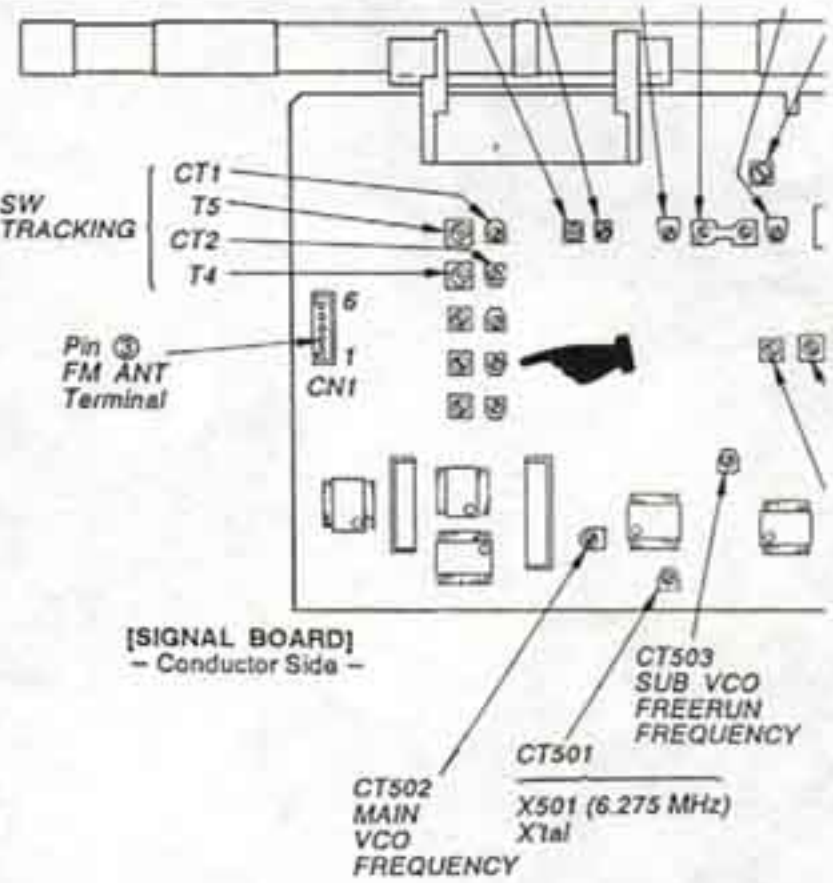
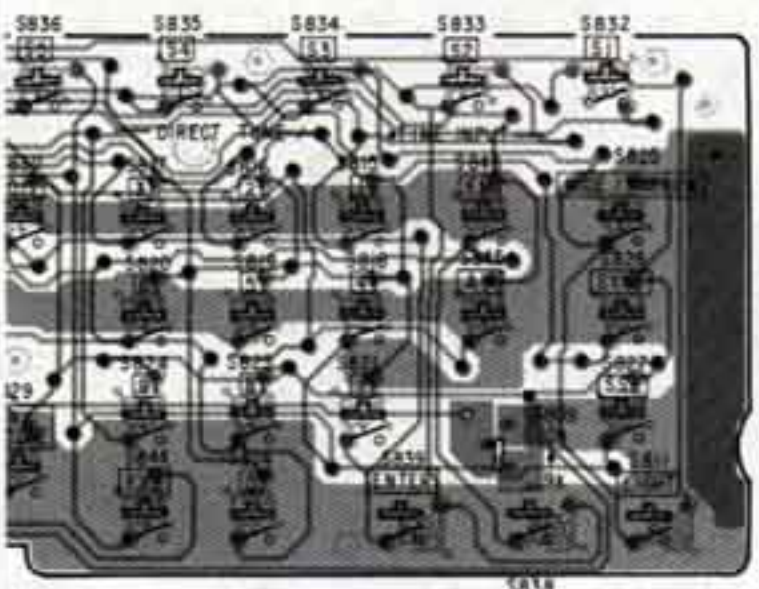
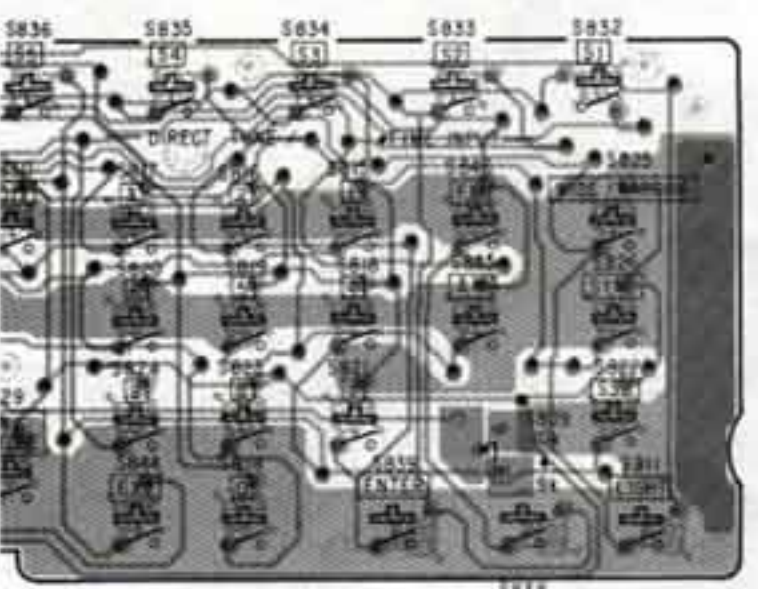
SONY SERVICE MANUAL

US Model
 Canadian Model
 AEP Model
 UK Model
 E Model
 Australian Model

CORRECTION-1

Please correct your service manual.

 : Corrected portion

| PAGE | INCORRECT | CORRECT |
|------|--|---|
| 25 |  <p>SW TRACKING</p> <p>CT1 T5 CT2 T4</p> <p>Pin ③ FM ANT Terminal</p> <p>6 1 CN1</p> <p>[SIGNAL BOARD] - Conductor Side -</p> <p>CT4 6.275 MHz XTAL</p> <p>CT502 MAIN VCO FREQUENCY</p> <p>CT501 X501 (6.275 MHz) XTAL</p> <p>CT503 SUB VCO FREERUN FREQUENCY</p> |  <p>SW TRACKING</p> <p>CT1 T5 CT2 T4</p> <p>Pin ③ FM ANT Terminal</p> <p>6 1 CN1</p> <p>[SIGNAL BOARD] - Conductor Side -</p> <p>CT502 MAIN VCO FREQUENCY</p> <p>CT501 X501 (6.275 MHz) XTAL</p> <p>CT503 SUB VCO FREERUN FREQUENCY</p> |
| 38 | <p>• Location : K-33</p>  <p>TUNER CHECK / ERASE 1-640-219-</p> | <p>• Location : K-33</p>  <p>TUNER CHECK / ERASE 1-640-222-</p> |



9-956-550-91

Sony Corporation
 Personal Communication Group

English
 91J05100-1
 Printed in Japan
 © 1991. 10

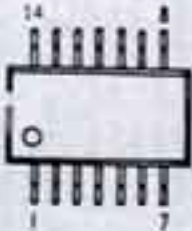
Published by Customer Relations and Service Group

AK93C57F
LM358DR



(TOP VIEW)

CXD1118M
SN74HC00ANS
SN74HC04ANS
X24C16S-C7000

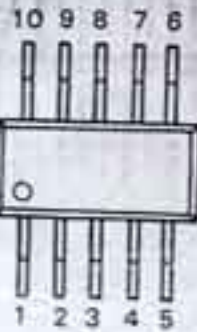


(TOP VIEW)

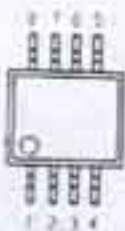
IMN10



LA3335M

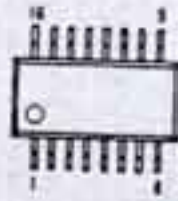


LA5003M
RF5RD301A
RF5RD501AC
TLC27L2CPS
μ PC1037GR



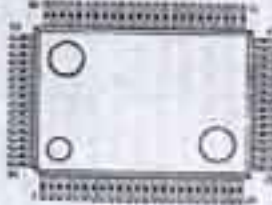
(TOP VIEW)

MC14094BF
MC74HC4049F
MC74HC4053F
MC74HC595AF
SN74HC02ANS
SN74HC138ANS
SN74HC367ANS



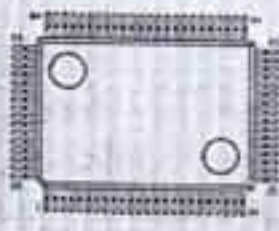
(TOP VIEW)

M37450M8-456FP
M50933-124FP



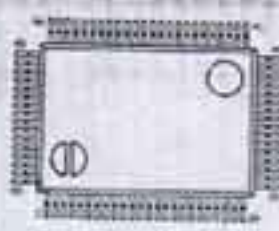
(TOP VIEW)

NJU6417BF



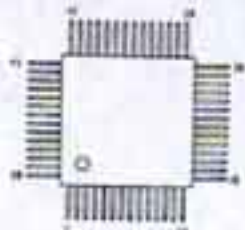
(TOP VIEW)

SED1210F1G



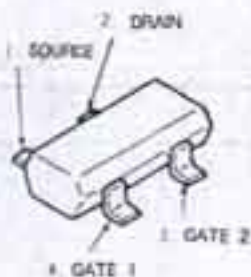
(TOP VIEW)

μ PD7225GB-3B7



(TOP VIEW)

2SK132A-U36



KV1560



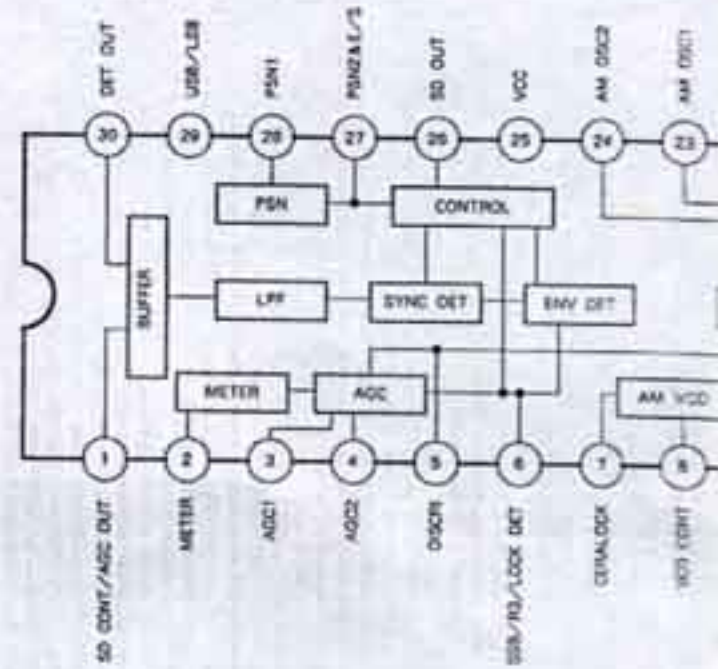
1SS279



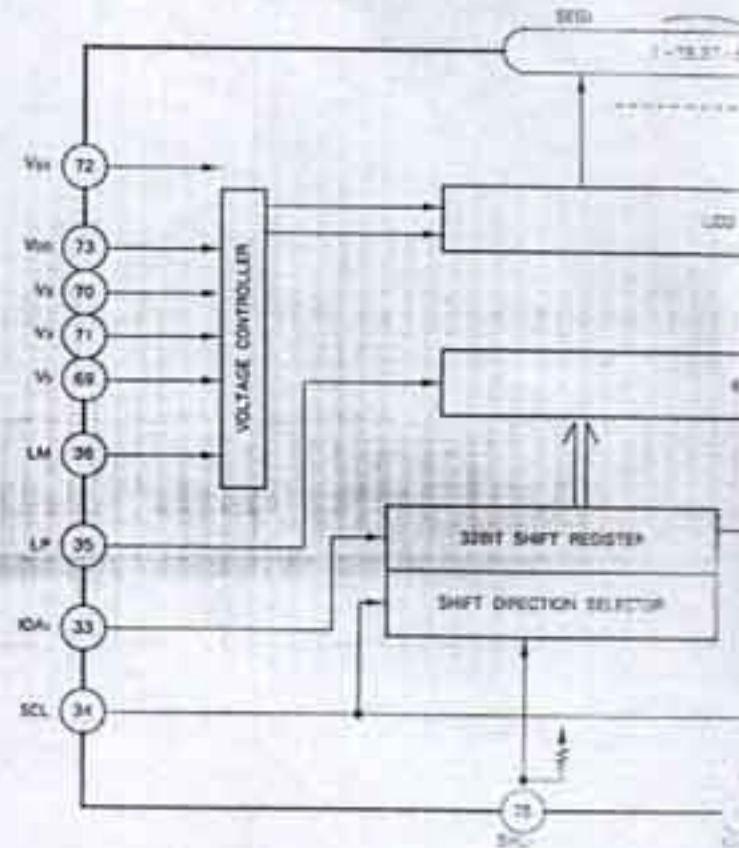
SLP-389F-51-AB



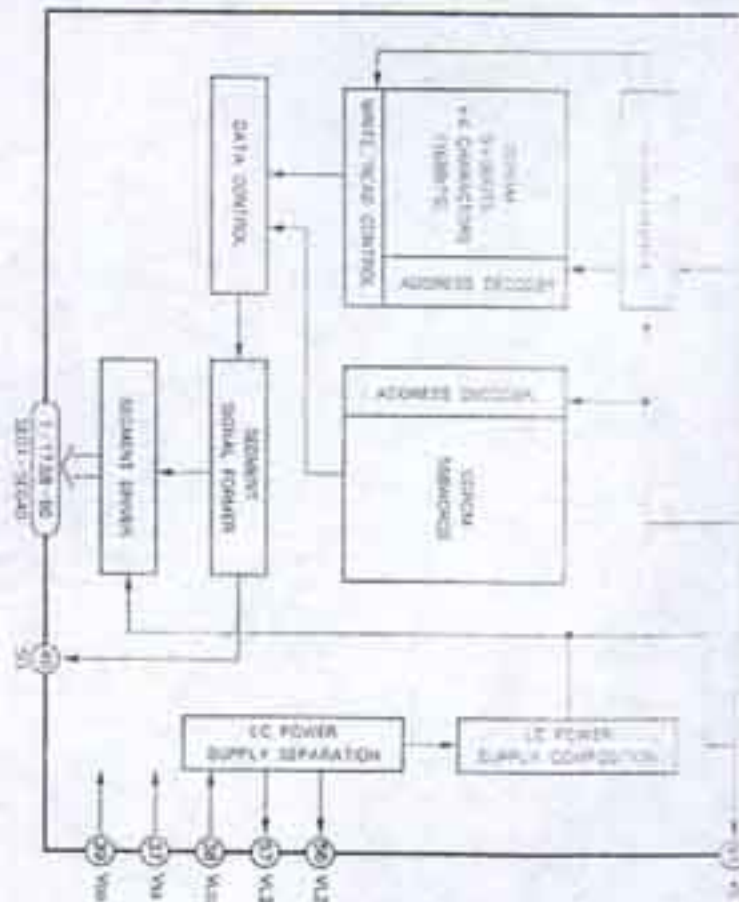
IC301 CXA1376S



IC803 NJU6417BF



IC804 SED1210F1G



SECTION 5 EXPLODED VIEWS

NOTE:

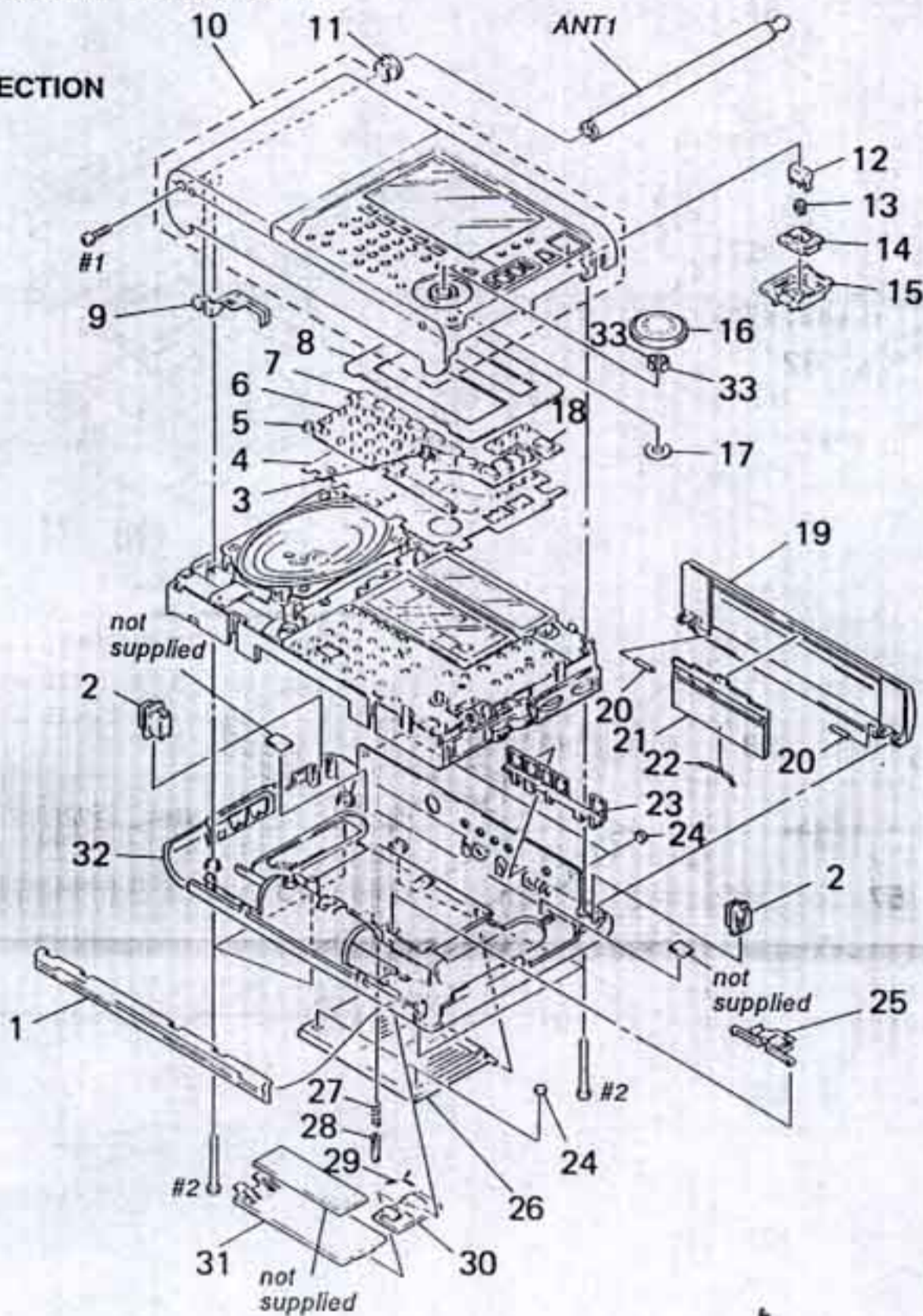
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) ... (RED)

↑ ↑
 Parts Color Cabinet's Color

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list is given in the last of this parts list.
- EA: Saudi Arabia
IT: Italian
AE: AEP
AU: Australian
FR: French
AE4: Germany

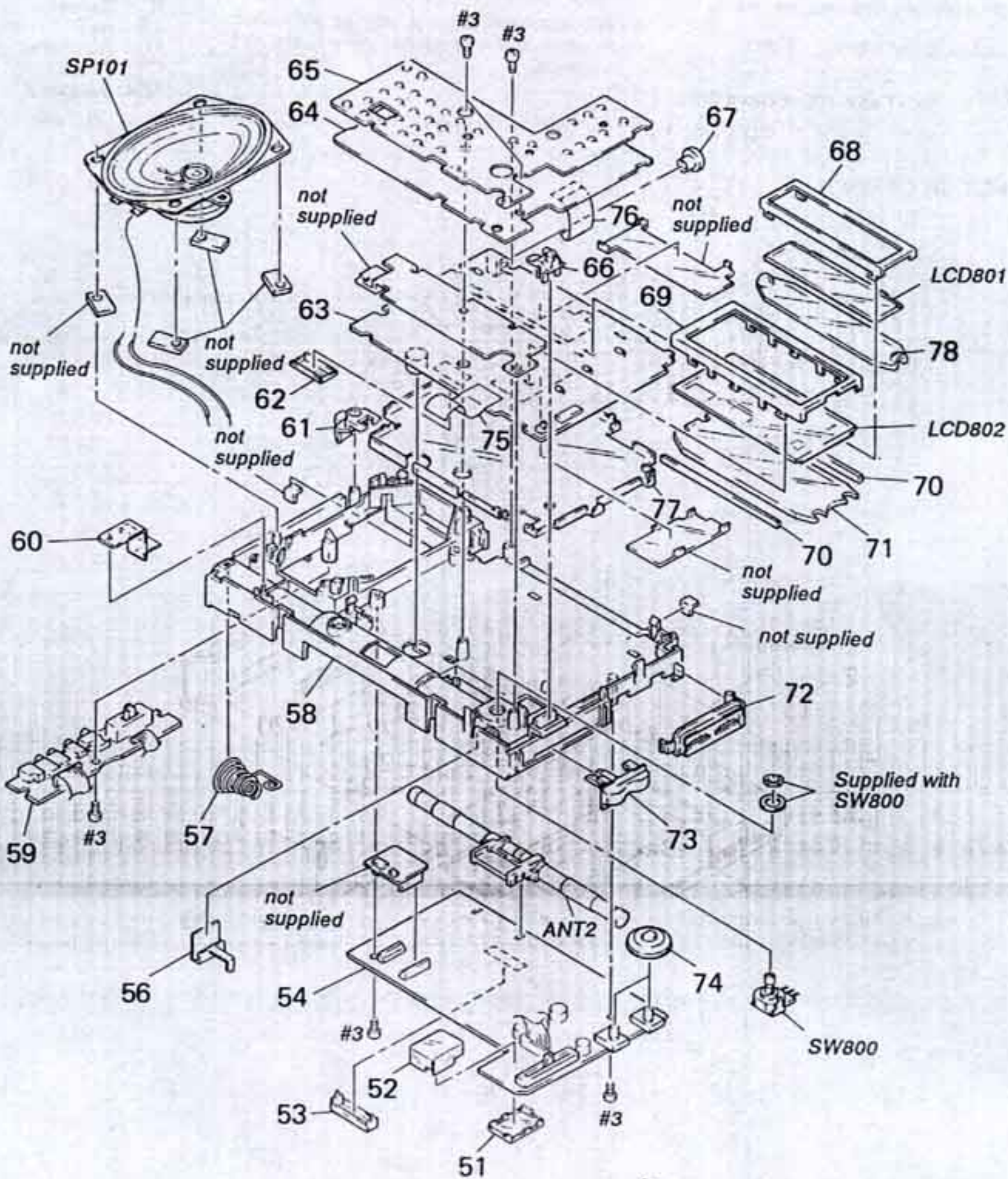
(1) CABINET SECTION



| Ref. No. | Part No. | Description | Remark |
|----------|----------------|-----------------------------------|--------|
| 1 | 3-358-602-01 | FOOT, RUBBER | |
| 2 | 3-358-587-01 | CATCHER (BELT) | |
| 3 | 3-358-577-01 | BUTTON (EDIT) | |
| 4 | 3-358-521-01 | RETAINER, BUTTON | |
| 5 | 3-358-576-01 | BUTTON (LAMP) | |
| 6 | 3-358-619-01 | BUTTON (C) | |
| 7 | 3-358-618-01 | BUTTON (B) | |
| 8 | 3-358-574-01 | PLATE, BACK | |
| 9 | * 3-358-607-01 | PLATE (B), CONTACT, ANTENNA | |
| 10 | X-3363-650-1 | CABINET (FRONT) ASSY (3EA) | |
| 10 | X-3363-036-1 | CABINET (FRONT) ASSY (EXCEPT 3EA) | |
| 11 | 3-358-578-01 | RING (A), ORNAMENTAL | |
| 12 | 3-358-614-01 | BUTTON (POWER) | |
| 13 | 3-893-862-01 | SPRING, COMPRESSION | |
| 14 | 3-358-615-01 | KNOB (POWER) | |
| 15 | 3-358-616-01 | RETAINER (POWER) | |
| 16 | X-3363-037-1 | KNOB (R E) ASSY | |
| 17 | 3-358-622-01 | WASHER, SLIT | |
| 18 | 3-358-617-01 | BUTTON (A) | |

| Ref. No. | Part No. | Description | Remark |
|----------|----------------|--|--------|
| 19 | * X-3363-035-1 | LID ASSY, UPPER (2AE2, 2AE4) | |
| 19 | * X-3363-649-1 | LID ASSY, UPPER (4IT, 3EA) | |
| 19 | X-3363-393-1 | LID ASSY, UPPER (US, CA, 1AE1, 1AE2, 1UK, 1E2, 1E4, 1AU, 1FR) | |
| 20 | 3-358-620-01 | PIN (UPPER LID) | |
| 21 | X-3363-034-1 | CURSOR ASSY | |
| 22 | 3-358-605-01 | SPRING (CURSOR), LEAF | |
| 23 | 3-358-584-01 | BUTTON (TIMER SET) | |
| 24 | 3-358-590-01 | CUSHION (A) | |
| 25 | 3-358-612-01 | SLIDER (STAND LOCK) | |
| 26 | 3-358-500-01 | STAND | |
| 27 | 3-372-283-01 | SPRING, COMPRESSION | |
| 28 | 3-358-586-01 | PIN, LIFT | |
| 29 | 3-358-593-01 | SPRING (BATTERY) | |
| 30 | 3-358-597-01 | KNOB (BATTERY) | |
| 31 | 3-358-596-01 | LID, BATTERY CASE | |
| 32 | 3-358-628-01 | LID, REAR, CABINET | |
| 33 | 3-371-909-01 | CUSHION (R E) | |
| ANT1 | 1-501-505-11 | ANTENNA, TELESCOPIC | |

(2) CHASSIS SECTION



| Ref. No. | Part No. | Description | Remark |
|----------|----------------|--|--------|
| 51 | * 3-368-626-01 | CASE (D). SHIELD | |
| 52 | * 3-368-625-01 | CASE (C). SHIELD | |
| 53 | * 3-368-624-01 | CASE (B). SHIELD | |
| 54 | * A-3679-241-A | SIGNAL BOARD, COMPLETE (EXCEPT 1UK) | |
| 54 | * A-3679-283-A | SIGNAL BOARD, COMPLETE (1UK) | |
| 56 | 3-368-589-01 | TERMINAL, BATTERY | |
| 57 | 3-368-588-01 | SPRING, BATTERY COIL | |
| 58 | * 3-368-627-01 | CHASSIS | |
| 59 | * A-3679-244-A | JACK BOARD, COMPLETE (EXCEPT 1UK) | |
| 59 | * A-3679-286-A | JACK BOARD, COMPLETE (1UK) | |
| 60 | * 3-368-606-01 | PLATE (A). CONTACT, ANTENNA | |
| 61 | 3-368-603-01 | KNOB (ATT) | |
| 62 | * 3-368-592-01 | CASE (A). SHIELD | |
| 63 | * A-3679-243-A | MICROCOMPUTER BOARD, COMPLETE (EXCEPT 1UK) | |
| 63 | * A-3679-285-A | MICROCOMPUTER BOARD, COMPLETE (1UK) | |

| Ref. No. | Part No. | Description |
|----------|----------------|-------------------------------|
| 64 | * 1-640-222-11 | KEY BOARD |
| 66 | 3-368-604-01 | KNOB (S/F) |
| 67 | 3-368-581-01 | KNOB (LCD) |
| 68 | * 3-368-570-01 | HOLDER (LCD801) |
| 69 | * 3-368-571-01 | HOLDER (LCD802) |
| 70 | * 1-535-903-11 | CONDUCTIVE BOARD, CONNECTION |
| 71 | * 3-368-573-01 | CHIP (B). LIGHT GUIDE |
| 72 | 3-368-583-01 | COVER (TONE) |
| 73 | 3-368-601-01 | KNOB (VOL) |
| 74 | 3-368-582-01 | KNOB (TONE) |
| 75 | 1-640-354-11 | SIGNAL FLEXIBLE BOARD |
| 76 | * 1-640-353-11 | KEY FLEXIBLE BOARD |
| 77 | * 3-368-591-01 | PLATE (LCD). SHIELD |
| 78 | * 3-368-572-01 | CHIP (A). LIGHT GUIDE |
| ANT2 | 1-402-557-11 | ANTENNA, FERRITE-ROD |
| SP101 | 1-544-498-11 | SPEAKER |
| SW800 | 1-466-537-11 | ENCODER, ROTARY |
| LCD801 | 1-809-368-11 | DISPLAY PANEL, LIQUID CRYSTAL |
| LCD802 | 1-809-367-11 | DISPLAY PANEL, LIQUID CRYSTAL |

SECTION 6

ELECTRICAL PARTS LIST

JAC

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- **RESISTORS**
All resistors are in ohms.
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- **SEMICONDUCTORS**
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
- **CAPACITORS**
uF: μ F
- **COILS**
uH: μ H

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When including parts by reference number, please include the board name.

| Ref. No. | Part No. | Description | Remark |
|---------------|----------------|-----------------------------------|--------|
| | * A-3679-244-A | JACK BOARD, COMPLETE (EXCEPT 1UK) | |
| | * A-3679-286-A | JACK BOARD, COMPLETE (1UK) | |
| ***** | | | |
| < CAPACITOR > | | | |
| C601 | 1-163-113-00 | CERAMIC CHIP 68PF | 5% 50V |
| C602 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C603 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C604 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C605 | 1-163-091-00 | CERAMIC CHIP 8PF | 50V |
| C606 | 1-163-087-00 | CERAMIC CHIP 4PF | 50V |
| C607 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C608 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C609 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C610 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C611 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C612 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| < CONNECTOR > | | | |
| CN601 | * 1-564-708-11 | PIN, CONNECTOR (SMALL TYPE) 6P | |
| CN602 | * 1-564-713-11 | PIN, CONNECTOR (SMALL TYPE) 11P | |
| < DIODE > | | | |
| D601 | 8-719-800-76 | DIODE 1SS226 | |
| D602 | 8-719-800-76 | DIODE 1SS226 | |
| D603 | 8-719-800-76 | DIODE 1SS226 | |
| D604 | 8-719-123-79 | DIODE 1SS279 | |
| < JACK > | | | |
| J601 | 1-573-178-11 | JACK (AM EXT ANT) | |
| J602 | 1-563-280-21 | JACK (TAPE REMOTE) | |
| J603 | 1-563-280-21 | JACK (TAPE LINE OUT) | |
| J604 | 1-573-177-11 | JACK (EARPHONES) | |
| J705 | 1-573-180-11 | JACK, DC (DC IN 6V) | |

| Ref. No. | Part No. | Description | Remark |
|----------------|--------------|--------------------------|--------|
| < COIL > | | | |
| L601 | 1-410-987-11 | INDUCTOR CHIP 0.33uH | |
| L602 | 1-410-393-11 | INDUCTOR CHIP 100uH | |
| L603 | 1-412-011-31 | INDUCTOR CHIP 27uH | |
| L604 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L605 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L606 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L607 | 1-407-882-00 | COIL | |
| L608 | 1-407-882-00 | COIL | |
| L609 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L610 | 1-410-985-11 | INDUCTOR CHIP 0.22uH | |
| L611 | 1-410-997-41 | INDUCTOR CHIP 2.2uH | |
| < TRANSISTOR > | | | |
| Q601 | 8-729-904-87 | TRANSISTOR 2SB1197K-R | |
| Q602 | 8-729-901-00 | TRANSISTOR DTC124EK | |
| Q603 | 8-729-116-64 | TRANSISTOR 2SK508-K51 | |
| < RESISTOR > | | | |
| R601 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R602 | 1-216-065-00 | METAL CHIP 4.7K 5% 1/10W | |
| R603 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R604 | 1-216-045-00 | METAL CHIP 680 5% 1/10W | |
| R605 | 1-216-021-00 | METAL CHIP 68 5% 1/10W | |
| R606 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R651 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R652 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R653 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R654 | 1-216-025-00 | METAL CHIP 100 5% 1/10W | |
| R655 | 1-216-041-00 | METAL CHIP 470 5% 1/10W | |
| R656 | 1-216-017-00 | METAL CHIP 47 5% 1/10W | |
| R657 | 1-216-017-00 | METAL CHIP 47 5% 1/10W | |
| R658 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R659 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |

| Ref. No. | Part No. | Description | Remark | | |
|----------|--------------|-------------|--------|----|-------|
| R660 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R661 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R662 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R663 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R664 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R665 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W |
| R666 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R667 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W |
| R668 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |

< SWITCH >

SW601 1-552-574-21 SWITCH, SLIDE (SENS)

| Ref. No. | Part No. | Description | Remark | | |
|----------|--------------|--|--------|--|--|
| S838 | 1-572-756-11 | SWITCH, KEY RUBBER (TIMER CHECK/ERASE) | | | |
| S839 | 1-572-756-11 | SWITCH, KEY RUBBER (ENTER) | | | |
| S840 | 1-572-756-11 | SWITCH, KEY RUBBER (PAGE FEED INS CHR +) | | | |
| S841 | 1-572-756-11 | SWITCH, KEY RUBBER (PAGE FEED DEL CHR -) | | | |
| S842 | 1-572-756-11 | SWITCH, KEY RUBBER (MEMORY FREQ/METER BAND STEP/CURSOR R) | | | |
| S843 | 1-572-756-11 | SWITCH, KEY RUBBER (MEMORY FREQ/METER BAND STEP/CURSOR L) | | | |
| S844 | 1-572-756-11 | SWITCH, KEY RUBBER (EXE) | | | |
| S845 | 1-572-756-11 | SWITCH, KEY RUBBER (AM) | | | |
| S846 | 1-572-756-11 | SWITCH, KEY RUBBER (FM) | | | |
| S847 | 1-572-756-11 | SWITCH, KEY RUBBER (METER BAND) | | | |

* 1-640-222-11 KEY BOARD

1-640-353-11 KEY FLEXIBLE BOARD

< SWITCH >

| | | | | | |
|------|--------------|-------------------------------------|--|--|--|
| S809 | 1-553-977-00 | SWITCH, SLIDE (9K/10K) | | | |
| S810 | 1-572-756-11 | SWITCH, KEY RUBBER (SLEEP) | | | |
| S811 | 1-572-756-11 | SWITCH, KEY RUBBER (LIGHT) | | | |
| S812 | 1-572-756-11 | SWITCH, KEY RUBBER (TIMER STANDBY) | | | |
| S813 | 1-572-756-11 | SWITCH, KEY RUBBER (KEY PROTECT) | | | |
| S814 | 1-572-756-11 | SWITCH, KEY RUBBER (0) | | | |
| S815 | 1-572-756-11 | SWITCH, KEY RUBBER (1) | | | |
| S816 | 1-572-756-11 | SWITCH, KEY RUBBER (2) | | | |
| S817 | 1-572-756-11 | SWITCH, KEY RUBBER (3) | | | |
| S818 | 1-572-756-11 | SWITCH, KEY RUBBER (4) | | | |
| S819 | 1-572-756-11 | SWITCH, KEY RUBBER (5) | | | |
| S820 | 1-572-756-11 | SWITCH, KEY RUBBER (6) | | | |
| S821 | 1-572-756-11 | SWITCH, KEY RUBBER (7) | | | |
| S822 | 1-572-756-11 | SWITCH, KEY RUBBER (QUICK PAGE) | | | |
| S823 | 1-572-756-11 | SWITCH, KEY RUBBER (8) | | | |
| S824 | 1-572-756-11 | SWITCH, KEY RUBBER (9) | | | |
| S825 | 1-572-756-11 | SWITCH, KEY RUBBER (AM MODE) | | | |
| S826 | 1-572-756-11 | SWITCH, KEY RUBBER (SYNC) | | | |
| S827 | 1-572-756-11 | SWITCH, KEY RUBBER (SSB) | | | |
| S828 | 1-572-756-11 | SWITCH, KEY RUBBER (AM FAST/SLOW) | | | |
| S829 | 1-572-756-11 | SWITCH, KEY RUBBER (SCAN/AUTO TUNE) | | | |
| S830 | 1-572-756-11 | SWITCH, KEY RUBBER (EDIT) | | | |
| S831 | 1-572-756-11 | SWITCH, KEY RUBBER (TIMER/PAGE) | | | |
| S832 | 1-572-756-11 | SWITCH, KEY RUBBER (S1) | | | |
| S833 | 1-572-756-11 | SWITCH, KEY RUBBER (S2) | | | |
| S834 | 1-572-756-11 | SWITCH, KEY RUBBER (S3) | | | |
| S835 | 1-572-756-11 | SWITCH, KEY RUBBER (S4) | | | |
| S836 | 1-572-756-11 | SWITCH, KEY RUBBER (S5) | | | |
| S837 | 1-572-756-11 | SWITCH, KEY RUBBER (RESERVE) | | | |

* A-3679-243-A MICROCOMPUTER BOARD, COMPLETE

(EXCEPT 1UK)

* A-3679-285-A MICROCOMPUTER BOARD, COMPLETE (1UK)

1-640-354-11 SIGNAL FLEXIBLE BOARD

* 3-368-570-01 HOLDER (LCD801)

* 3-368-591-01 PLATE (LCD), SHIELD

* 3-368-592-01 CASE (A), SHIELD

< CAPACITOR >

| | | | | | |
|------|--------------|---------------|--------|-----|------------|
| C801 | 1-135-157-21 | TANTALUM CHIP | 10uF | 20% | 6.3V |
| C802 | 1-135-161-21 | TANTALUM CHIP | 22uF | 10% | 6.3V |
| C803 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C804 | 1-135-097-21 | TANTALUM CHIP | 15uF | 10% | 10V |
| C805 | 1-135-161-21 | TANTALUM CHIP | 22uF | 10% | 6.3V |
| C806 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C807 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C808 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C809 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C810 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C811 | 1-135-156-21 | TANTALUM CHIP | 6.8uF | 10% | 6.3V |
| C812 | 1-135-157-21 | TANTALUM CHIP | 10uF | 20% | 6.3V |
| C813 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C814 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C815 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C816 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C817 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C818 | 1-125-688-11 | ELECT (BLOCK) | 0.047F | | 6.3V |
| C819 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C820 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C821 | 1-162-942-11 | CERAMIC CHIP | 12PF | 5% | 50V |
| C822 | 1-162-930-11 | CERAMIC CHIP | 1PF | | 0.25PF 50V |
| C823 | 1-162-942-11 | CERAMIC CHIP | 12PF | 5% | 50V |
| C824 | 1-162-930-11 | CERAMIC CHIP | 1PF | | 0.25PF 50V |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|---------------|-----------------|
| C825 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C826 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C827 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V |
| C831 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C832 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C833 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C835 | 1-162-946-11 | CERAMIC CHIP | 27PF 5% 50V |
| C836 | 1-162-945-11 | CERAMIC CHIP | 22PF 5% 50V |
| C837 | 1-135-091-00 | TANTALUM CHIP | 1uF 20% 16V |
| C838 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C839 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C840 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C841 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C842 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C843 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C844 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C845 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C846 | 1-162-961-11 | CERAMIC CHIP | 330PF 10% 50V |
| C847 | 1-162-961-11 | CERAMIC CHIP | 330PF 10% 50V |
| C848 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C849 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C850 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C851 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C852 | 1-162-953-11 | CERAMIC CHIP | 100PF 5% 50V |
| C853 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C854 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C855 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C856 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C857 | 1-135-148-21 | TANTAL. CHIP | 1.5uF 20% 10V |
| C858 | 1-163-077-00 | CERAMIC CHIP | 0.1uF 10% 25V |
| C859 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |
| C860 | 1-163-077-00 | CERAMIC CHIP | 0.1uF 10% 25V |
| C861 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C862 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C863 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C864 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C865 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C866 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |

< CONNECTOR >

| | | | |
|-------|--------------|---------------------------|-----|
| CN801 | 1-573-206-21 | CONNECTOR, FPC (PC BOARD) | 15P |
| CN802 | 1-573-181-11 | HOUSING, CONNECTOR | 3P |

< TRIMMER >

| | | |
|-------|--------------|-------------------------------|
| CT801 | 1-141-345-11 | CAP. VAR. TRIMMER (CHIP TYPE) |
| CT802 | 1-141-345-11 | CAP. VAR. TRIMMER (CHIP TYPE) |

| Ref. No. | Part No. | Description |
|----------|--------------|----------------------|
| | | < DIODE > |
| D802 | 8-719-951-22 | DIODE IMN10 |
| D803 | 8-719-951-22 | DIODE IMN10 |
| D804 | 8-719-941-86 | DIODE DAN202U |
| D805 | 8-719-941-86 | DIODE DAN202U |
| D806 | 8-719-988-82 | DIODE RB715F |
| D807 | 8-719-951-22 | DIODE IMN10 |
| D808 | 8-719-988-82 | DIODE RB715F |
| D809 | 8-719-938-72 | DIODE SB01-05CP |
| D810 | 8-719-941-86 | DIODE DAN202U |
| D811 | 8-719-941-86 | DIODE DAN202U |
| D812 | 8-719-938-72 | DIODE SB01-05CP |
| D813 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D814 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D815 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D816 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D817 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D818 | 8-719-989-49 | DIODE SLP-389F-51-AB |
| D819 | 8-719-941-86 | DIODE DAN202U |

< IC >

| | | |
|-------|--------------|-------------------|
| IC801 | 8-759-636-82 | IC M50933-124FP |
| IC802 | 8-759-636-81 | IC M37450M8-456FP |
| IC803 | 8-759-514-65 | IC NJU6417BF |
| IC804 | 8-759-514-66 | IC SED1210F1G |
| IC805 | 8-759-153-90 | IC UPD7225GB-387 |
| IC806 | 8-759-507-13 | IC X24C16S-C7000 |
| IC807 | 8-759-925-74 | IC SN74HC04ANS |
| IC808 | 8-759-927-46 | IC SN74HC00ANS |
| IC809 | 8-759-927-46 | IC SN74HC00ANS |
| IC811 | 8-759-939-41 | IC S-81230AG-RB-S |
| IC812 | 8-759-503-44 | IC RF5RD501C |
| IC814 | 8-759-519-46 | IC S-80730AN-DT-S |
| IC815 | 8-759-514-72 | IC S-80725AL-AN |
| IC816 | 8-759-008-36 | IC MC74HC4049F |
| IC817 | 8-759-514-67 | IC RF5RD301A |

< COIL >

| | | | |
|------|--------------|---------------|-------|
| L801 | 1-412-637-51 | INDUCTOR | 330uH |
| L802 | 1-410-793-51 | INDUCTOR CHIP | 2.2mH |
| L803 | 1-410-793-51 | INDUCTOR CHIP | 2.2mH |
| L804 | 1-410-793-51 | INDUCTOR CHIP | 2.2mH |

< LIQUID CRYSTAL DISPLAY >

| | | |
|--------|--------------|-------------------------------|
| LCD801 | 1-809-368-11 | DISPLAY PANEL, LIQUID CRYSTAL |
| LCD802 | 1-809-367-11 | DISPLAY PANEL, LIQUID CRYSTAL |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------------|--------------|-------------|----------------|----------|--------------|-------------|----------------|
| < TRANSISTOR > | | | | | | | |
| Q801 | 8-729-921-73 | TRANSISTOR | 2SD1781K-OR | R838 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W |
| Q802 | 8-729-924-14 | TRANSISTOR | DTA124TU | R839 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| Q803 | 8-729-905-61 | TRANSISTOR | DTC124EU | R840 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W |
| Q804 | 8-729-920-63 | TRANSISTOR | DTA123EK | R841 | 1-216-803-11 | METAL CHIP | 33 5% 1/16W |
| Q805 | 8-729-144-98 | TRANSISTOR | 2SK1580 | R842 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W |
| Q806 | 8-729-144-98 | TRANSISTOR | 2SK1580 | R843 | 1-216-013-00 | METAL CHIP | 33 5% 1/10W |
| Q807 | 8-729-144-98 | TRANSISTOR | 2SK1580 | R844 | 1-216-815-11 | METAL CHIP | 330 5% 1/16W |
| Q808 | 8-729-117-32 | TRANSISTOR | 2SC4177-L6 | R845 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| Q810 | 8-729-924-14 | TRANSISTOR | DTA124TU | R846 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| Q811 | 8-729-905-61 | TRANSISTOR | DTC124EU | R847 | 1-216-851-11 | METAL CHIP | 330K 5% 1/16W |
| Q812 | 8-729-905-61 | TRANSISTOR | DTC124EU | R848 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| < RESISTOR > | | | | | | | |
| R801 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R849 | 1-216-815-11 | METAL CHIP | 330 5% 1/16W |
| R802 | 1-216-803-11 | METAL CHIP | 33 5% 1/16W | R850 | 1-216-838-11 | METAL CHIP | 27K 5% 1/16W |
| R804 | 1-216-863-11 | METAL GLAZE | 3. 3M 5% 1/16W | R851 | 1-216-848-11 | METAL CHIP | 180K 5% 1/16W |
| R805 | 1-216-851-11 | METAL CHIP | 330K 5% 1/16W | R852 | 1-216-848-11 | METAL CHIP | 180K 5% 1/16W |
| R806 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W | R853 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| R807 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R854 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R808 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W | R855 | 1-216-827-11 | METAL CHIP | 3. 3K 5% 1/16W |
| R809 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R856 | 1-216-853-11 | METAL CHIP | 470K 5% 1/16W |
| R810 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R857 | 1-216-853-11 | METAL CHIP | 470K 5% 1/16W |
| R811 | 1-216-809-11 | METAL CHIP | 100 5% 1/16W | R858 | 1-216-853-11 | METAL CHIP | 470K 5% 1/16W |
| R812 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R859 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W |
| R813 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R860 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R814 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R861 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W |
| R815 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R862 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W |
| R816 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R863 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W |
| R817 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R864 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W |
| R818 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R865 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R819 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R866 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R820 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R867 | 1-216-809-11 | METAL CHIP | 100 5% 1/16W |
| R821 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R868 | 1-216-838-11 | METAL CHIP | 27K 5% 1/16W |
| R823 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W | R869 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R824 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R870 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R825 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W | R871 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R826 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R872 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| R827 | 1-216-857-11 | METAL CHIP | 1M 5% 1/16W | R873 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R828 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R874 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| R829 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W | R875 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| R830 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W | R876 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| R831 | 1-216-849-11 | METAL CHIP | 220K 5% 1/16W | R877 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R832 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W | R878 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R833 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W | R879 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| R834 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W | R880 | 1-216-809-11 | METAL CHIP | 100 5% 1/16W |
| R835 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W | R881 | 1-216-821-11 | METAL CHIP | 1K 5% 1/16W |
| R836 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W | R882 | 1-216-833-11 | METAL CHIP | 10K 5% 1/16W |
| R837 | 1-216-027-00 | METAL CHIP | 120 5% 1/10W | R883 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| | | | | R884 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| | | | | R885 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |
| | | | | R886 | 1-216-845-11 | METAL CHIP | 100K 5% 1/16W |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------|--------|
| R887 | 1-216-845-11 | METAL CHIP 100K 5% 1/16W | |
| R888 | 1-216-845-11 | METAL CHIP 100K 5% 1/16W | |
| R889 | 1-216-845-11 | METAL CHIP 100K 5% 1/16W | |
| R890 | 1-216-845-11 | METAL CHIP 100K 5% 1/16W | |
| R891 | 1-216-846-11 | METAL CHIP 120K 5% 1/16W | |

< NETWORK >

| | | | |
|-------|--------------|--------------------|--|
| RB801 | 1-236-863-21 | RES. NETWORK 10KX2 | |
| RB802 | 1-236-500-11 | RES. NETWORK 10KX3 | |
| RB803 | 1-236-500-11 | RES. NETWORK 10KX3 | |
| RB804 | 1-236-500-11 | RES. NETWORK 1KX3 | |
| RB805 | 1-236-499-11 | RES. NETWORK 1KX3 | |
| RB806 | 1-236-499-11 | RES. NETWORK 10KX2 | |
| RB807 | 1-236-863-21 | RES. NETWORK 10KX2 | |
| RB808 | 1-236-863-21 | RES. NETWORK 10KX2 | |
| RB809 | 1-236-500-11 | RES. NETWORK 10KX3 | |

< VARIABLE RESISTOR >

| | | | |
|-------|--------------|---|--|
| RV801 | 1-238-772-11 | RES. VAR. CARBON (ROTARY) 10K (LCD CONTRAST) | |
|-------|--------------|---|--|

< SWITCH >

| | | | |
|------|--------------|---------------------------------------|--|
| S801 | 1-570-990-11 | SWITCH, TACT (LOCAL) | |
| S802 | 1-570-990-11 | SWITCH, TACT (TIME DIFF) | |
| S803 | 1-570-990-11 | SWITCH, TACT (TIME/PROGRAM) | |
| S804 | 1-570-990-11 | SWITCH, TACT (LOCAL TIME/VTC) | |
| S805 | 1-570-990-11 | SWITCH, TACT (FREE) | |
| S806 | 1-571-381-21 | SWITCH, TACTIL (REFLOW TYPE) (ON/OFF) | |
| S807 | 1-571-754-11 | SWITCH, PUSH (1 KEY) (LOCK) | |
| S808 | 1-553-977-00 | SWITCH, SLIDE (DIAL LOCK) | |
| S848 | 1-570-990-11 | SWITCH, TACT (RESET) | |

< VIBRATOR, CERAMIC >

| | | | |
|------|--------------|-----------------------------|--|
| X801 | 1-567-098-41 | VIBRATOR, CRYSTAL 32.768KHz | |
| X802 | 1-577-703-21 | VIBRATOR, CERAMIC 2.0MHz | |
| X803 | 1-577-703-21 | VIBRATOR, CERAMIC 2.0MHz | |

* A-3679-241-A SIGNAL BOARD, COMPLETE (EXCEPT 1UK)

* A-3679-283-A SIGNAL BOARD, COMPLETE (1UK)

* 3-368-624-01 CASE (B), SHIELD

* 3-368-625-01 CASE (C), SHIELD

* 3-368-626-01 CASE (D), SHIELD

< ANTENNA >

| | | | |
|------|--------------|----------------------|--|
| ANT2 | 1-402-557-11 | ANTENNA, FERRITE-ROD | |
|------|--------------|----------------------|--|

| Ref. No. | Part No. | Description | Remark |
|---------------|--------------|-----------------------|------------------|
| < CAPACITOR > | | | |
| C1 | 1-163-091-00 | CERAMIC CHIP 8PF | 50V |
| C2 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C3 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C4 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C5 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C6 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C7 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C8 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C9 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C10 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V (EXCEPT 1UK) |
| C11 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C12 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C13 | 1-163-107-00 | CERAMIC CHIP 39PF | 5% 50V |
| C14 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C16 | 1-163-129-00 | CERAMIC CHIP 330PF | 5% 50V |
| C17 | 1-163-113-00 | CERAMIC CHIP 68PF | 5% 50V |
| C18 | 1-163-137-00 | CERAMIC CHIP 680PF | 5% 50V |
| C19 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C20 | 1-163-139-00 | CERAMIC CHIP 820PF | 5% 50V |
| C21 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C22 | 1-163-012-00 | CERAMIC CHIP 0.0018uF | 10% 50V |
| C23 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C24 | 1-163-145-00 | CERAMIC CHIP 0.0015uF | 5% 50V |
| C25 | 1-163-127-00 | CERAMIC CHIP 270PF | 5% 50V |
| C26 | 1-163-014-00 | CERAMIC CHIP 0.0027uF | 10% 50V |
| C28 | 1-163-017-00 | CERAMIC CHIP 0.0047uF | 5% 50V |
| C29 | 1-163-129-00 | CERAMIC CHIP 330PF | 5% 50V |
| C30 | 1-163-016-00 | CERAMIC CHIP 0.0039uF | 10% 50V |
| C32 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C33 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C34 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C35 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C36 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C37 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C39 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C40 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C41 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C42 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C43 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C44 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C45 | 1-163-107-00 | CERAMIC CHIP 39PF | 5% 50V |
| C46 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C47 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C48 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C49 | 1-163-090-00 | CERAMIC CHIP 7PF | 50V |

| Ref. No. | Part No. | Description | | Remark | | Ref. No. | Part No. | Description | | Remark | |
|----------|--------------|---------------|---------|--------|------|----------|--------------|--------------|----------|--------|------|
| C50 | 1-163-141-00 | CERAMIC CHIP | 0.001uF | 5% | 50V | C267 | 1-163-091-00 | CERAMIC CHIP | 8PF | 50V | |
| C51 | 1-163-141-00 | CERAMIC CHIP | 0.001uF | 5% | 50V | C268 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C52 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C269 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C53 | 1-163-095-00 | CERAMIC CHIP | 12PF | 5% | 50V | C301 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C54 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C302 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C55 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C303 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C56 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C304 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C57 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C305 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C58 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C306 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C59 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C307 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C60 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C308 | 1-126-199-11 | ELECT CHIP | 6.8uF | 20% | 35V |
| C61 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C309 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C62 | 1-135-155-21 | TANTALUM CHIP | 4.7uF | 10% | 10V | C310 | 1-124-778-00 | ELECT CHIP | 22uF | 20% | 6.3V |
| C63 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V | C311 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C64 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V | C312 | 1-163-107-00 | CERAMIC CHIP | 39PF | 5% | 50V |
| C65 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V | C314 | 1-126-603-11 | ELECT CHIP | 4.7uF | 20% | 35V |
| C66 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C315 | 1-126-193-11 | ELECT | 1uF | 20% | 50V |
| C67 | 1-162-638-11 | CERAMIC CHIP | 1uF | | 16V | C316 | 1-163-095-00 | CERAMIC CHIP | 12PF | 5% | 50V |
| C68 | 1-162-638-11 | CERAMIC CHIP | 1uF | | 16V | C317 | 1-163-095-00 | CERAMIC CHIP | 12PF | 5% | 50V |
| C201 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V | C318 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C202 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C319 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C203 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V | C320 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C204 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C321 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C205 | 1-126-205-11 | ELECT CHIP | 47uF | 20% | 6.3V | C322 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C206 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C323 | 1-135-167-21 | TANTAL. CHIP | 68uF | 20% | 4V |
| C207 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C325 | 1-163-108-00 | CERAMIC CHIP | 43PF | 5% | 50V |
| C208 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C326 | 1-126-246-11 | ELECT CHIP | 220uF | 20% | 4V |
| C209 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V | C327 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C210 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C328 | 1-164-774-11 | FILM CHIP | 0.0022uF | 5% | 16V |
| C211 | 1-126-205-11 | ELECT CHIP | 47uF | 20% | 6.3V | C329 | 1-164-782-11 | FILM CHIP | 0.01uF | 5% | 16V |
| C212 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C330 | 1-163-083-00 | CERAMIC CHIP | 1PF | | 50V |
| C213 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C331 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C214 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C332 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C215 | 1-163-088-00 | CERAMIC CHIP | 5PF | | 50V | C334 | 1-163-089-00 | CERAMIC CHIP | 6PF | | 50V |
| C251 | 1-163-087-00 | CERAMIC CHIP | 4PF | | 50V | C335 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C252 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C338 | 1-163-131-00 | CERAMIC CHIP | 390PF | 5% | 50V |
| C254 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C339 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C255 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C340 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C256 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C404 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C257 | 1-126-209-11 | ELECT CHIP | 100uF | 20% | 4V | C405 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C258 | 1-163-086-00 | CERAMIC CHIP | 3PF | | 50V | C406 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C259 | 1-163-085-00 | CERAMIC CHIP | 2PF | | 50V | C408 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C260 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C409 | 1-126-209-11 | ELECT CHIP | 100uF | 20% | 4V |
| C261 | 1-163-123-00 | CERAMIC CHIP | 180PF | 5% | 50V | C410 | 1-163-137-00 | CERAMIC CHIP | 680PF | 5% | 50V |
| C262 | 1-163-085-00 | CERAMIC CHIP | 2PF | | 50V | C411 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C263 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C412 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C264 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C413 | 1-163-023-00 | CERAMIC CHIP | 0.015uF | 5% | 50V |
| C265 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | | 50V | C414 | 1-163-023-00 | CERAMIC CHIP | 0.015uF | 5% | 50V |
| C266 | 1-163-083-00 | CERAMIC CHIP | 1PF | | 50V | C415 | 1-163-809-11 | CERAMIC CHIP | 0.047uF | 10% | 25V |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------|------------------|----------|--------------|-------------------|--------------------------------|
| C416 | 1-163-809-11 | CERAMIC CHIP | 0.047uF 10% 25V | C509 | 1-163-093-00 | CERAMIC CHIP | 10PF 5% 50V |
| C417 | 1-163-024-00 | CERAMIC CHIP | 0.078uF 10% 50V | C511 | 1-130-834-00 | FILM | 1uF 10% 63V |
| C418 | 1-163-012-00 | CERAMIC CHIP | 0.0018uF 10% 50V | C512 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C419 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C513 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C420 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C514 | 1-163-083-00 | CERAMIC CHIP | 1PF 50V |
| C421 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C515 | 1-162-839-11 | CERAMIC | 0.01uF 10% 16V (EXCEPT 1UK) |
| C424 | 1-163-024-00 | CERAMIC CHIP | 0.018uF 10% 50V | C515 | 1-163-839-91 | CERAMIC CHIP | 1.5PF 0.25PF 50V (1UK) |
| C425 | 1-163-012-00 | CERAMIC CHIP | 0.0018uF 10% 50V | C516 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C426 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C517 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C427 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C518 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C428 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C519 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C429 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C520 | 1-163-083-00 | CERAMIC CHIP | 1PF 50V |
| C430 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C521 | 1-163-093-00 | CERAMIC CHIP | 10PF 5% 50V |
| C440 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C522 | 1-163-102-00 | CERAMIC CHIP | 24PF 5% 50V |
| C441 | 1-126-246-11 | ELECT CHIP | 220uF 20% 4V | C523 | 1-163-102-00 | CERAMIC CHIP | 24PF 5% 50V |
| C442 | 1-128-361-11 | ELECT | 470uF 20% 10V | C524 | 1-163-089-00 | CERAMIC CHIP | 6PF 50V |
| C443 | 1-163-108-00 | CERAMIC CHIP | 43PF 5% 50V | C525 | 1-163-102-00 | CERAMIC CHIP | 24PF 5% 50V |
| C444 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C526 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C445 | 1-128-361-11 | ELECT | 470uF 20% 10V | C527 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C446 | 1-128-359-11 | ELECT | 100uF 20% 10V | C528 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C447 | 1-128-360-11 | ELECT | 220uF 20% 10V | C529 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C448 | 1-126-246-11 | ELECT CHIP | 220uF 20% 4V | C530 | 1-126-246-11 | ELECT CHIP | 220uF 20% 4V |
| C449 | 1-163-108-00 | CERAMIC CHIP | 43PF 5% 50V | C531 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C450 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C532 | 1-125-701-11 | CAP. DOUBLE LAYER | |
| C451 | 1-128-359-11 | ELECT | 100uF 20% 10V | C533 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V |
| C452 | 1-128-361-11 | ELECT | 470uF 20% 10V | C534 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C453 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C535 | 1-163-125-00 | CERAMIC CHIP | 220PF 5% 50V |
| C454 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C536 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C455 | 1-126-204-11 | ELECT CHIP | 47uF 20% 16V | C537 | 1-130-833-00 | FILM | 0.82uF 10% 63V |
| C456 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C538 | 1-162-839-11 | CERAMIC | 0.01uF 10% 16V (EXCEPT 1UK) |
| C457 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C538 | 1-163-839-91 | CERAMIC CHIP | 1.5PF 0.25PF 50V (1UK) |
| C458 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C539 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C460 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C540 | 1-163-085-00 | CERAMIC CHIP | 2PF 50V |
| C461 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C541 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C462 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C542 | 1-126-209-11 | ELECT CHIP | 100uF 20% 4V |
| C463 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C543 | 1-163-141-00 | CERAMIC CHIP | 0.001uF 5% 50V |
| C464 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | C544 | 1-163-109-00 | CERAMIC CHIP | 47PF 5% 50V |
| C465 | 1-126-246-11 | ELECT CHIP | 220uF 20% 4V | C545 | 1-163-109-00 | CERAMIC CHIP | 47PF 5% 50V |
| C466 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C546 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C467 | 1-164-346-11 | CERAMIC CHIP | 1uF 16V | C547 | 1-163-141-00 | CERAMIC CHIP | 0.001uF 5% 50V |
| C468 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C548 | 1-163-085-00 | CERAMIC CHIP | 2PF 50V |
| C501 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V | C549 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C502 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C550 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V |
| C503 | 1-163-125-00 | CERAMIC CHIP | 220PF 5% 50V | C551 | 1-124-778-00 | ELECT CHIP | 22uF 20% 6.3V |
| C504 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | C552 | 1-163-083-00 | CERAMIC CHIP | 1PF 50V |
| C505 | 1-163-097-00 | CERAMIC CHIP | 15PF 5% 50V | C553 | 1-163-091-00 | CERAMIC CHIP | 8PF 50V |
| C506 | 1-163-105-00 | CERAMIC CHIP | 33PF 5% 50V | | | | |
| C507 | 1-124-778-00 | ELECT CHIP | 22uF 20% 6.3V | | | | |
| C508 | 1-164-232-11 | CERAMIC CHIP | 0.01uF 50V | | | | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|------------------------|--------|
| C554 | 1-163-091-00 | CERAMIC CHIP 8PF | 50V |
| C556 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C557 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C558 | 1-164-232-11 | CERAMIC CHIP 0.01uF | 50V |
| C701 | 1-164-004-11 | CERAMIC CHIP 0.1uF 10% | 25V |
| C702 | 1-163-093-00 | CERAMIC CHIP 10PF 5% | 50V |
| C704 | 1-124-778-00 | ELECT CHIP 22uF 20% | 6.3V |
| C705 | 1-162-638-11 | CERAMIC CHIP 1uF | 16V |
| C706 | 1-162-638-11 | CERAMIC CHIP 1uF | 16V |

< FILTER >

| | | |
|-------|--------------|-----------------|
| CF301 | 1-577-030-11 | FILTER, CERAMIC |
| CF302 | 1-567-945-11 | FILTER, CERAMIC |
| CF303 | 1-577-599-11 | FILTER, CERAMIC |
| CF304 | 1-577-599-11 | FILTER, CERAMIC |
| CF305 | 1-577-599-11 | FILTER, CERAMIC |

< CONNECTOR >

| | | |
|-------|----------------|---------------------------------|
| CN1 | * 1-564-708-11 | PIN, CONNECTOR (SMALL TYPE) 6P |
| CN103 | * 1-568-714-11 | PIN, CONNECTOR 7P |
| CN104 | 1-580-276-11 | PIN, CONNECTOR 8P |
| CN301 | * 1-564-713-51 | PIN, CONNECTOR (SMALL TYPE) 11P |
| CN401 | 1-573-206-21 | CONNECTOR, FPC (PC BOARD) 15P |

< TRIMMER >

| | | |
|-------|--------------|-------------------------------|
| CT1 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT2 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT3 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT4 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT5 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT201 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT202 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT251 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT252 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT253 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT501 | 1-141-322-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT502 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |
| CT503 | 1-141-327-11 | CAP, VAR, TRIMMER (CHIP TYPE) |

< DIODE >

| | | |
|-----|--------------|--------------|
| D1 | 8-719-123-79 | DIODE 1SS279 |
| D2 | 8-719-123-79 | DIODE 1SS279 |
| D3 | 8-719-123-79 | DIODE 1SS279 |
| D4 | 8-719-123-79 | DIODE 1SS279 |
| D5 | 8-719-123-79 | DIODE 1SS279 |
| D6 | 8-719-123-79 | DIODE 1SS279 |
| D7 | 8-719-123-79 | DIODE 1SS279 |
| D8 | 8-719-123-79 | DIODE 1SS279 |
| D9 | 8-719-123-79 | DIODE 1SS279 |
| D10 | 8-719-123-79 | DIODE 1SS279 |

| Ref. No. | Part No. | Description |
|----------|--------------|-----------------|
| D11 | 8-719-123-79 | DIODE 1SS279 |
| D12 | 8-719-104-34 | DIODE 1S2836 |
| D13 | 8-719-123-79 | DIODE 1SS279 |
| D14 | 8-719-123-79 | DIODE 1SS279 |
| D15 | 8-719-123-79 | DIODE 1SS279 |
| D16 | 8-719-123-79 | DIODE 1SS279 |
| D17 | 8-719-400-18 | DIODE MA152WK |
| D18 | 8-719-123-79 | DIODE 1SS279 |
| D19 | 8-719-123-79 | DIODE 1SS279 |
| D20 | 8-719-123-79 | DIODE 1SS279 |
| D21 | 8-719-400-18 | DIODE MA152WK |
| D22 | 8-719-400-18 | DIODE MA152WK |
| D201 | 8-719-104-34 | DIODE 1S2836 |
| D202 | 8-719-104-34 | DIODE 1S2836 |
| D204 | 8-719-400-18 | DIODE MA152WK |
| D205 | 8-719-400-18 | DIODE MA152WK |
| D206 | 8-719-104-34 | DIODE 1S2836 |
| D253 | 8-713-300-57 | DIODE 1T33 |
| D254 | 8-713-300-57 | DIODE 1T33 |
| D255 | 8-713-300-57 | DIODE 1T33 |
| D256 | 8-713-300-57 | DIODE 1T33 |
| D301 | 8-719-400-18 | DIODE MA152WK |
| D302 | 8-719-400-18 | DIODE MA152WK |
| D303 | 8-719-400-18 | DIODE MA152WK |
| D304 | 8-719-400-18 | DIODE MA152WK |
| D305 | 8-719-400-18 | DIODE MA152WK |
| D306 | 8-719-400-18 | DIODE MA152WK |
| D401 | 8-719-157-36 | DIODE RD6.8M-B |
| D402 | 8-719-400-18 | DIODE MA152WK |
| D403 | 8-719-400-18 | DIODE MA152WK |
| D410 | 8-719-938-72 | DIODE SB01-05CP |
| D501 | 8-719-800-76 | DIODE 1SS226 |
| D502 | 8-713-300-57 | DIODE 1T33 |
| D503 | 8-713-300-57 | DIODE 1T33 |
| D504 | 8-719-157-36 | DIODE RD6.8M-B |
| D505 | 8-719-157-36 | DIODE RD6.8M-B |
| D506 | 8-719-938-72 | DIODE SB01-05CP |
| D701 | 8-719-106-62 | DIODE RD11M-B2 |
| D702 | 8-719-400-18 | DIODE MA152WK |

< IC >

| | | |
|-------|--------------|-----------------|
| IC1 | 8-759-925-74 | IC SN74HC04ANS |
| IC2 | 8-759-926-11 | IC SN74HC138ANS |
| IC3 | 8-759-009-22 | IC MC14094BF |
| IC301 | 8-752-055-83 | IC CXA1376S |
| IC401 | 8-759-998-98 | IC LM358DR |
| IC402 | 8-759-011-65 | IC MC74HC4053F |
| IC403 | 8-759-804-98 | IC LA3335M |
| IC405 | 8-759-144-31 | IC uPC1316C |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|-----------------|--------|
| IC406 | 8-759-009-22 | IC MC14094BF | |
| IC407 | 8-759-926-64 | IC SN74HC367ANS | |
| IC408 | 8-759-801-15 | IC LA5003M | |
| IC409 | 8-759-998-98 | IC LM358DR | |
| IC501 | 8-752-323-84 | IC CXD1118M | |
| IC502 | 8-752-323-84 | IC CXD1118M | |
| IC503 | 8-759-144-23 | IC uPC1037GR | |
| IC504 | 8-759-144-23 | IC uPC1037GR | |
| IC505 | 8-759-925-72 | IC SN74HC02ANS | |
| IC506 | 8-759-801-15 | IC LA5003M | |

< COIL >

| | | | |
|------|--------------|----------------------|--|
| L1 | 1-410-987-11 | INDUCTOR CHIP 0.33uH | |
| L2 | 1-410-985-11 | INDUCTOR CHIP 0.22uH | |
| L3 | 1-410-985-11 | INDUCTOR CHIP 0.22uH | |
| L4 | 1-410-991-11 | INDUCTOR CHIP 0.68uH | |
| L6 | 1-410-989-11 | INDUCTOR CHIP 0.47uH | |
| L7 | 1-410-989-11 | INDUCTOR CHIP 0.47uH | |
| L8 | 1-410-992-11 | INDUCTOR CHIP 0.82uH | |
| L10 | 1-410-991-11 | INDUCTOR CHIP 0.68uH | |
| L11 | 1-410-992-11 | INDUCTOR CHIP 0.82uH | |
| L12 | 1-410-994-11 | INDUCTOR CHIP 1.2uH | |
| L14 | 1-410-993-11 | INDUCTOR CHIP 1uH | |
| L15 | 1-410-994-11 | INDUCTOR CHIP 1.2uH | |
| L16 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L18 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L19 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L20 | 1-410-993-11 | INDUCTOR CHIP 1uH | |
| L22 | 1-410-393-11 | INDUCTOR CHIP 100uH | |
| L23 | 1-410-993-11 | INDUCTOR CHIP 1uH | |
| L24 | 1-410-993-11 | INDUCTOR CHIP 1uH | |
| L25 | 1-410-992-11 | INDUCTOR CHIP 0.82uH | |
| L26 | 1-412-006-31 | INDUCTOR CHIP 10uH | |
| L201 | 1-410-658-31 | INDUCTOR CHIP 220uH | |
| L202 | 1-410-793-51 | INDUCTOR CHIP 2.2mH | |
| L251 | 1-410-993-11 | INDUCTOR CHIP 1uH | |
| L252 | 1-406-422-11 | COIL (OSC) | |
| L253 | 1-410-997-31 | INDUCTOR CHIP 2.2uH | |
| L254 | 1-410-986-31 | INDUCTOR CHIP 0.27uH | |
| L255 | 1-410-985-11 | INDUCTOR CHIP 0.22uH | |
| L301 | 1-406-423-11 | COIL (OSC) | |
| L302 | 1-426-561-11 | COIL (RF) | |
| L303 | 1-426-561-11 | COIL (RF) | |
| L304 | 1-410-988-11 | INDUCTOR CHIP 0.39uH | |
| L305 | 1-412-006-31 | INDUCTOR CHIP 10uH | |
| L306 | 1-410-986-31 | INDUCTOR CHIP 0.27uH | |
| L307 | 1-410-985-11 | INDUCTOR CHIP 0.22uH | |
| L308 | 1-410-989-11 | INDUCTOR CHIP 0.47uH | |

| Ref. No. | Part No. | Description |
|----------|--------------|----------------------|
| L501 | 1-406-420-11 | COIL (OSC) |
| L502 | 1-406-421-11 | COIL (OSC) |
| L503 | 1-412-011-31 | INDUCTOR CHIP 27uH |
| L504 | 1-412-011-31 | INDUCTOR CHIP 27uH |
| L505 | 1-410-996-31 | INDUCTOR CHIP 1.8uH |
| L506 | 1-410-992-11 | INDUCTOR CHIP 0.82uH |
| L507 | 1-410-989-11 | INDUCTOR CHIP 0.47uH |
| L508 | 1-412-011-31 | INDUCTOR CHIP 27uH |
| L509 | 1-412-004-31 | INDUCTOR CHIP 6.8uH |
| L510 | 1-410-993-11 | INDUCTOR CHIP 1uH |
| L511 | 1-410-989-11 | INDUCTOR CHIP 0.47uH |
| L512 | 1-410-987-11 | INDUCTOR CHIP 0.33uH |
| L514 | 1-412-006-31 | INDUCTOR CHIP 10uH |
| L701 | 1-410-658-31 | INDUCTOR CHIP 220uH |
| L702 | 1-412-011-31 | INDUCTOR CHIP 27uH |

< TRANSISTOR >

| | | |
|------|--------------|-------------------------|
| Q1 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q2 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q3 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q4 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q5 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q6 | 8-729-216-22 | TRANSISTOR 2SA1162-G |
| Q7 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q8 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 |
| Q9 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q10 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q11 | 8-729-904-87 | TRANSISTOR 2SB1197K-R |
| Q12 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q13 | 8-729-216-22 | TRANSISTOR 2SA1162-G |
| Q14 | 8-729-216-22 | TRANSISTOR 2SA1162-G |
| Q15 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q201 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 |
| Q202 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q203 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 |
| Q204 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 |
| Q205 | 8-729-116-64 | TRANSISTOR 2SK508-K51 |
| Q206 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 |
| Q208 | 8-729-900-51 | TRANSISTOR DTA114TK |
| Q209 | 8-729-900-51 | TRANSISTOR DTA114TK |
| Q210 | 8-729-900-51 | TRANSISTOR DTA114TK |
| Q251 | 8-729-123-86 | TRANSISTOR 2SK238-K16 |
| Q252 | 8-729-920-38 | TRANSISTOR 2SC2059K-N |
| Q253 | 8-729-920-38 | TRANSISTOR 2SC2059K-N |
| Q254 | 8-729-208-47 | TRANSISTOR 2SK210GR |
| Q255 | 8-729-900-51 | TRANSISTOR DTA114TK |
| Q301 | 8-729-901-05 | TRANSISTOR DTA124EK |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Rem |
|----------|--------------|--------------|--------------|----------|--------------|-------------|---------------|
| Q302 | 8-729-901-00 | TRANSISTOR | DTC124EK | R5 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W |
| Q303 | 8-729-901-00 | TRANSISTOR | DTC124EK | R6 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q304 | 8-729-216-22 | TRANSISTOR | 2SA116-G | R7 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q305 | 8-729-901-00 | TRANSISTOR | DTC124EK | R8 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q307 | 8-729-901-05 | TRANSISTOR | DTA124EK | R9 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q308 | 8-729-901-00 | TRANSISTOR | DTC124EK | R10 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q309 | 8-729-114-63 | TRANSISTOR | 3SK132A-U36 | R11 | 1-216-039-00 | METAL CHIP | 390 5% 1/10W |
| Q310 | 8-729-901-00 | TRANSISTOR | DTC124EK | R12 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q311 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R13 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q312 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R14 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q313 | 8-729-920-38 | TRANSISTOR | 2SC2059K-N | R15 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q314 | 8-729-901-00 | TRANSISTOR | DTC124EK | R16 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q315 | 8-729-901-00 | TRANSISTOR | DTC124EK | R17 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q316 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | R18 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q317 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R19 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q318 | 8-729-901-00 | TRANSISTOR | DTC124EK | R20 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q319 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R21 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q320 | 8-729-901-00 | TRANSISTOR | DTC124EK | R22 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q321 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R23 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| Q322 | 8-729-901-00 | TRANSISTOR | DTC124EK | R24 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q401 | 8-729-921-72 | TRANSISTOR | 2SD1781K-R | R25 | 1-216-017-00 | METAL CHIP | 47 5% 1/10W |
| Q402 | 8-729-901-05 | TRANSISTOR | DTA124EK | R26 | 1-216-037-00 | METAL CHIP | 330 5% 1/10W |
| Q403 | 8-729-901-05 | TRANSISTOR | DTA124EK | R27 | 1-216-017-00 | METAL CHIP | 47 5% 1/10W |
| Q404 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R28 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q405 | 8-729-921-72 | TRANSISTOR | 2SD1781K-R | R29 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q406 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R30 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W |
| Q407 | 8-729-921-72 | TRANSISTOR | 2SD1781K-R | R31 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q408 | 8-729-106-60 | TRANSISTOR | 2SB1115A-YO | R32 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q409 | 8-729-904-87 | TRANSISTOR | 2SB1197K-R | R33 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q410 | 8-729-901-00 | TRANSISTOR | DTC124EK | R34 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q411 | 8-729-921-72 | TRANSISTOR | 2SD1781K-R | R35 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q501 | 8-729-220-93 | TRANSISTOR | 2SK209-G | R36 | 1-216-017-00 | METAL CHIP | 47 5% 1/10W |
| Q502 | 8-729-220-93 | TRANSISTOR | 2SK209-G | R37 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q503 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R38 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| Q504 | 8-729-920-38 | TRANSISTOR | 2SC2059K-N | R39 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W |
| Q505 | 8-729-208-47 | TRANSISTOR | 2SK210GR | R40 | 1-216-025-00 | METAL CHIP | 100 5% 1/10W |
| Q506 | 8-729-904-87 | TRANSISTOR | 2SB1197K-R | R41 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q507 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R42 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| Q508 | 8-729-220-93 | TRANSISTOR | 2SK209-G | R43 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q509 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R44 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| Q510 | 8-729-208-47 | TRANSISTOR | 2SK210GR | R45 | 1-216-017-00 | METAL CHIP | 47 5% 1/10W |
| Q701 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R47 | 1-216-017-00 | METAL CHIP | 47 5% 1/10W |
| Q702 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | R48 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| | | | | R49 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| | | | | R50 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| | | < RESISTOR > | | R51 | 1-216-057-00 | METAL CHIP | 2.2K 5% 1/10W |
| R1 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W | R52 | 1-216-113-00 | METAL CHIP | 470K 5% 1/10W |
| R2 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W | R53 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| R3 | 1-216-081-00 | METAL CHIP | 22K 5% 1/10W | R54 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| R4 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W | | | | |

| Ref. No. | Part No. | Description | Remark | | | Ref. No. | Part No. | Description | Remark | | |
|----------|--------------|-------------|--------|----|-------|----------|--------------|-------------|--------|----|-------|
| R55 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R309 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R56 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R310 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R57 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R311 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R58 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R312 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R59 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R313 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R60 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R314 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R61 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R315 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R62 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R316 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W |
| R201 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R317 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R202 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R318 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R203 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R319 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R204 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R320 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W |
| R205 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R321 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R206 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R324 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W |
| R207 | 1-216-009-00 | METAL CHIP | 22 | 5% | 1/10W | R325 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R208 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R327 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R209 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W | R328 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R210 | 1-216-009-00 | METAL CHIP | 22 | 5% | 1/10W | R329 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R211 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R330 | 1-216-063-00 | METAL CHIP | 3.9K | 5% | 1/10W |
| R212 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W | R331 | 1-216-063-00 | METAL CHIP | 3.9K | 5% | 1/10W |
| R213 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | R332 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R214 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | R333 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R215 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R334 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R216 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R335 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R253 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R336 | 1-216-093-00 | METAL CHIP | 68K | 5% | 1/10W |
| R255 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R337 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R256 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R338 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W |
| R257 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R339 | 1-216-063-00 | METAL CHIP | 3.9K | 5% | 1/10W |
| R258 | 1-216-025-00 | METAL CHIP | 100 | 5% | 1/10W | R340 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R259 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R341 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W |
| R260 | 1-216-111-00 | METAL CHIP | 390K | 5% | 1/10W | R342 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R261 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R343 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R262 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | R344 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R263 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W | R347 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R264 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R348 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R265 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W | R349 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R266 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R350 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R267 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R351 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R268 | 1-216-013-00 | METAL CHIP | 33 | 5% | 1/10W | R352 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R269 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W | R353 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R270 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R401 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R301 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W | R404 | 1-216-091-00 | METAL CHIP | 56K | 5% | 1/10W |
| R302 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R405 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W |
| R303 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R406 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W |
| R304 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R407 | 1-216-099-00 | METAL CHIP | 120K | 5% | 1/10W |
| R305 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R408 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R306 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R409 | 1-216-748-11 | METAL CHIP | 39K | 5% | 1/10W |
| R307 | 1-216-069-00 | METAL CHIP | 6.8K | 5% | 1/10W | R410 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W |
| R308 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | R411 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |

| Ref. No. | Part No. | Description | Remark | | | Ref. No. | Part No. | Description | Rem | | |
|----------|--------------|-------------|--------|----|-------|----------|--------------|-----------------------|-----------|----|-----------------------|
| R412 | 1-216-093-00 | METAL CHIP | 68K | 5% | 1/10W | R464 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R414 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R501 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R415 | 1-216-091-00 | METAL CHIP | 56K | 5% | 1/10W | R502 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R416 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R503 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R417 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R504 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R418 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R505 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R419 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R506 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R420 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R507 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R421 | 1-216-091-00 | METAL CHIP | 56K | 5% | 1/10W | R508 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R422 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | R509 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R423 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | R511 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R424 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R512 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R425 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R513 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R426 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R514 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R427 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R515 | 1-216-013-00 | METAL CHIP | 33 | 5% | 1/10W |
| R428 | 1-216-011-00 | METAL CHIP | 27 | 5% | 1/10W | R516 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W |
| R429 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W | R517 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R430 | 1-216-011-00 | METAL CHIP | 27 | 5% | 1/10W | R518 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R431 | 1-216-298-00 | METAL CHIP | 2.2 | 5% | 1/10W | R519 | 1-216-091-00 | METAL CHIP | 56K | 5% | 1/10W |
| R432 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R520 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R433 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R521 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R434 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R522 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W |
| R435 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R523 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R436 | 1-216-113-00 | METAL CHIP | 470K | 5% | 1/10W | R524 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R437 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R525 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R438 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R526 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W |
| R439 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | R527 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W |
| R440 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R528 | 1-216-039-00 | METAL CHIP | 390 | 5% | 1/10W |
| R441 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R529 | 1-216-017-00 | METAL CHIP | 47 | 5% | 1/10W |
| R442 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R530 | 1-216-013-00 | METAL CHIP | 33 | 5% | 1/10W |
| R443 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | R531 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R444 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R532 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R445 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | R533 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W |
| R446 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | R534 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R447 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | R704 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R450 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | R705 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R451 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | R706 | 1-216-093-00 | METAL CHIP | 68K | 5% | 1/10W |
| R452 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | R707 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W |
| R453 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | | | | | | |
| R454 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | | | | | | |
| | | | | | | | | | | | < VARIABLE RESISTOR > |
| R455 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | RV301 | 1-238-994-11 | RES. ADJ. METAL GLAZE | 100K | | |
| R456 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | RV401 | 1-238-992-11 | RES. ADJ. METAL GLAZE | 22K | | |
| R457 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | RV402 | 1-241-534-11 | RES. VAR. CARBON | 100K/100K | | |
| R458 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | RV403 | 1-241-534-11 | RES. VAR. CARBON | 100K/100K | | |
| R459 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | RV404 | 1-241-533-11 | RES. VAR. SLIDE | 20K/20K | | |
| R460 | 1-216-093-00 | METAL CHIP | 68K | 5% | 1/10W | | | | | | |
| R461 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | | | | | | |
| R462 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | | | | | | |
| R463 | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | | | | | | |

| Ref. No. | Part No. | Description | Remark |
|-----------------|--------------|-------------------------------|--------|
| < TRANSFORMER > | | | |
| T1 | 1-402-559-11 | COIL (ANT) | |
| T2 | 1-402-560-11 | COIL (ANT) | |
| T3 | 1-402-561-11 | COIL (ANT) | |
| T4 | 1-402-562-11 | COIL (ANT) | |
| T5 | 1-402-563-11 | COIL (ANT) | |
| T8 | 1-426-357-11 | TRANSFORMER, RF | |
| T9 | 1-426-560-11 | TRANSFORMER, HIGH-FREQUENCY | |
| T251 | 1-402-558-11 | COIL (ANT) | |
| T252 | 1-426-559-11 | COIL (RF) | |
| T253 | 1-404-966-11 | TRANSFORMER, MIDWAY-FREQUENCY | |
| T301 | 1-404-965-11 | TRANSFORMER, MIDWAY-FREQUENCY | |
| T701 | 1-450-531-21 | TRANSFORMER, DC-DC CONVERTER | |

| | | | |
|-----------------------|--------------|-------------------------------------|--|
| < VIBRATOR, CERAMIC > | | | |
| X301 | 1-579-339-11 | VIBRATOR, LITHIUM TANTALATE 3750KHz | |
| X302 | 1-567-385-11 | OSCILLATOR, CRYSTAL 55.39MHz | |
| X501 | 1-567-386-11 | OSCILLATOR, CRYSTAL 6.275MHz | |

| | | | |
|------------|--------------|-----------------|--|
| < FILTER > | | | |
| XF301 | 1-527-372-00 | FILTER, CRYSTAL | |
| XF302 | 1-527-372-00 | FILTER, CRYSTAL | |

TUNE BOARD

| | | | |
|---------------|--------------|--------------|---------------|
| < CAPACITOR > | | | |
| C101 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V |
| C102 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V |
| C103 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C104 | 1-164-004-11 | CERAMIC CHIP | 0.1uF 10% 25V |

| | | | |
|---------------|----------------|------------------------------|--|
| < CONNECTOR > | | | |
| CN101 | 1-563-309-11 | CONNECTOR, BOARD TO BOARD 7P | |
| CN102 | * 1-563-310-11 | CONNECTOR, BOARD TO BOARD 8P | |

| | | | |
|-----------|--------------|-------|--------|
| < DIODE > | | | |
| D101 | 8-719-951-05 | DIODE | KV1560 |
| D102 | 8-719-951-05 | DIODE | KV1560 |

| | | | |
|--------|--------------|----|--------------|
| < IC > | | | |
| IC101 | 8-759-720-23 | IC | AK93C57F |
| IC102 | 8-759-925-74 | IC | SN74HC04ANS |
| IC103 | 8-759-032-59 | IC | MC74HC595AF |
| IC104 | 8-759-939-41 | IC | S-81230AG-RB |
| IC105 | 8-759-929-21 | IC | TLC27L2CPS |

| Ref. No. | Part No. | Description | Remark |
|--------------|--------------|-------------|-----------------|
| < RESISTOR > | | | |
| R101 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R102 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R103 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R104 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R105 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R106 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R107 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R108 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R109 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R110 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R111 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R112 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R113 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R114 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R115 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R116 | 1-216-682-11 | METAL CHIP | 20K 0.5% 1/10W |
| R117 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R118 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R119 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R120 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R121 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R122 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R123 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R124 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R125 | 1-216-697-11 | METAL CHIP | 82K 0.5% 1/10W |
| R126 | 1-216-675-11 | METAL CHIP | 10K 0.5% 1/10W |
| R127 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R128 | 1-216-697-11 | METAL CHIP | 82K 0.5% 1/10W |
| R129 | 1-216-689-11 | METAL CHIP | 39K 0.5% 1/10W |
| R130 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R132 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R133 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R134 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R135 | 1-216-699-11 | METAL CHIP | 100K 0.5% 1/10W |
| R136 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |

| | | | |
|----------------|--------------|------------|--|
| < THERMISTOR > | | | |
| TH101 | 1-808-656-11 | THERMISTOR | |

| | | | |
|------------------------|----------------|------------------------------|--|
| MISCELLANEOUS ***** | | | |
| 70 | * 1-535-903-11 | CONDUCTIVE BOARD, CONNECTION | |
| ANT1 | 1-501-505-11 | ANTENNA, ETLESCOPIC | |
| SP101 | 1-544-498-11 | SPEAKER | |
| SW800 | 1-466-537-11 | ENCODER, ROTARY | |

| Ref. No. | Part No. | Description | Remark |
|----------|----------|-------------|--------|
|----------|----------|-------------|--------|

- EA: Saudi Arabia
- IT: Italian
- AE: AEP
- AU: Australian
- FR: French
- AE4: Germany

ACCESSORIES & PACKING MATERIALS

A-3604-167-A COMPACT ANTENNA AN-71

△ 1-465-775-11 ADAPTOR, AC
(1AE1, 1AE2, 2AE2, 1E2, 1E4, 2AE4, 1FR, 4IT, 3EA)

△ 1-465-846-11 ADAPTOR, AC (CA)

△ 1-465-847-11 ADAPTOR, AC (1UK)

△ 1-465-953-11 ADAPTOR, AC (US)

1-557-787-11 CONNECTOR, CONNECTION

△ 1-569-008-11 ADAPTER, CONVERSION 2P
(1AE1, 1AE2, 2AE2, 1E2, 1E4, 2AE4, 1FR, 4IT, 3EA)

△ 1-573-856-11 ADAPTOR, CHANGE (CA)

3-367-445-11 HAND BOOK

* 3-371-755-01 INDIVIDUAL CARTON

* 3-371-757-01 CUSHION (RIGHT LEFT)

3-371-911-01 BELT, CARRYING

3-753-627-11 MANUAL, INSTRUCTION

(ENGLISH, FRENCH, SPANISH, SWEDISH, PORTUGUESE)
(US, 1AE1, 2AE2, 1UK, 1E2, 1E4, 1FR)

3-753-627-21 MANUAL, INSTRUCTION

(ENGLISH, FRENCH, GERMAN, DUTCH, ITALIAN)
(CA, 1AE2, 2AE4, 4IT, 1AU)

3-753-627-51 MANUAL, INSTRUCTION

(ENGLISH, ARABIC) (3EA)

3-753-877-11 LIST, FREQUENCY

(1AE1, 1AE2, 2AE2, 1UK, 2AE4, 1FR, 4IT)

3-753-877-21 LIST, FREQUENCY (US, CA)

3-753-877-31 LIST, FREQUENCY (1E2, 1E4, 3EA)

3-893-802-07 BOOK, GUIDE, WAVE

8-953-314-90 HEADPHONE MDR-E757 SET (1UK)

8-953-314-95 HEADPHONE MDR-E757/BK SET (EXCEPT 1UK)

X-3321-270-1 ATTACHMENT

HARDWARE LIST

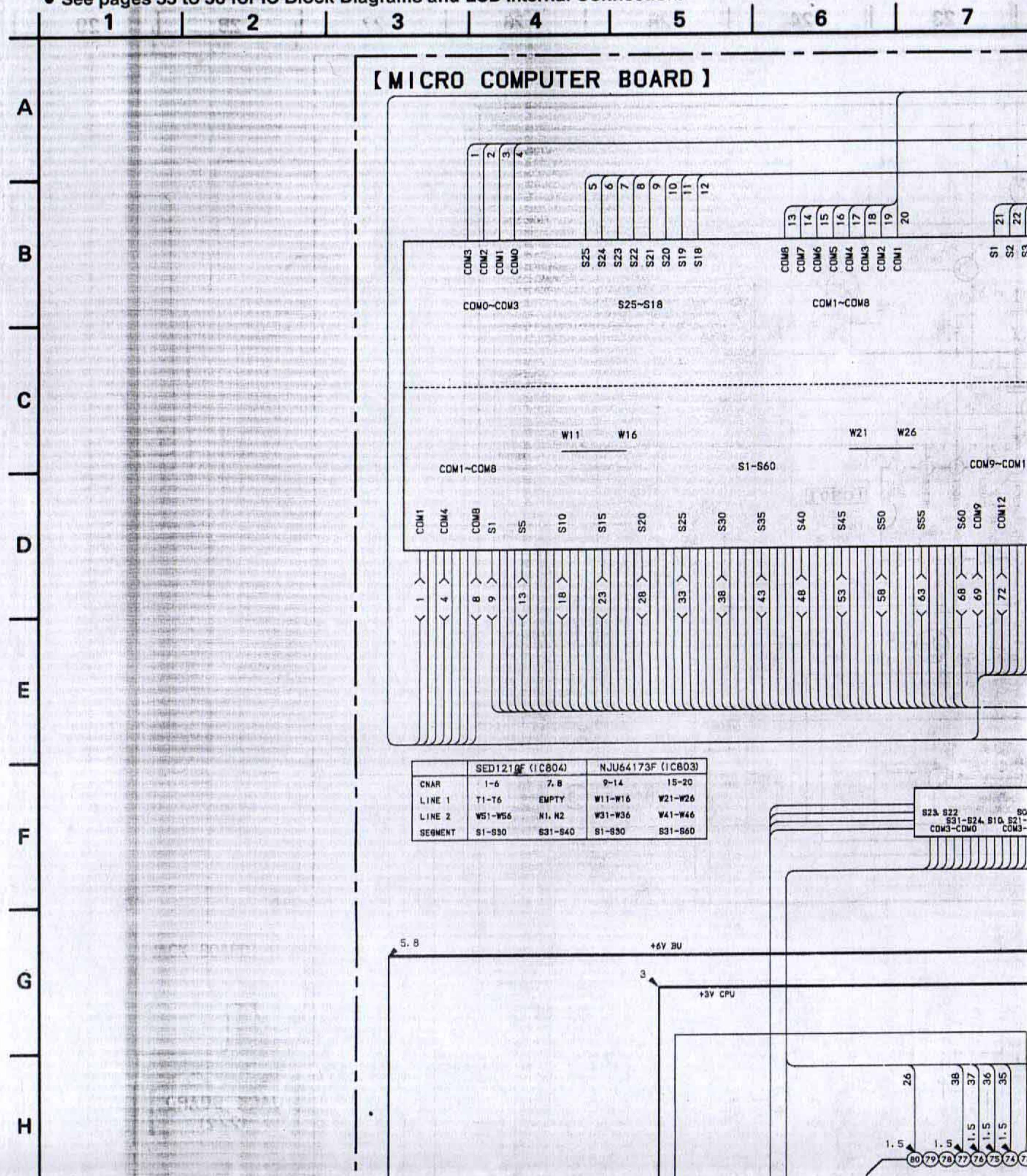
- | | |
|----|---|
| #1 | 7-682-149-15 SCREW +P 3X10 |
| #2 | 7-685-154-19 SCREW +P 3X35 TYPE2 NON-SLIT |
| #3 | 7-685-546-14 SCREW +BTP 3X8 TYPE2 N-S |

Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Note:
Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-4. MICROCOMPUTER SECTION SCHEMATIC DIAGRAM

• See pages 55 to 58 for IC Block Diagrams and LCD Internal Connection.



| | SED1210F (IC804) | | NJU64173F (IC803) | |
|---------|------------------|---------|-------------------|---------|
| CNAR | 1-6 | 7, 8 | 9-14 | 15-20 |
| LINE 1 | T1-T6 | EMPTY | W11-W16 | W21-W26 |
| LINE 2 | W51-W56 | N1, N2 | W31-W36 | W41-W46 |
| SEGMENT | S1-S30 | S31-S40 | S1-S30 | S31-S60 |

- Signs for LCD on the Schematic Diagram Description.
The character display on LCD802 is activated by IC803 and IC804.

Sign indication of LCD802 on the schematic diagram

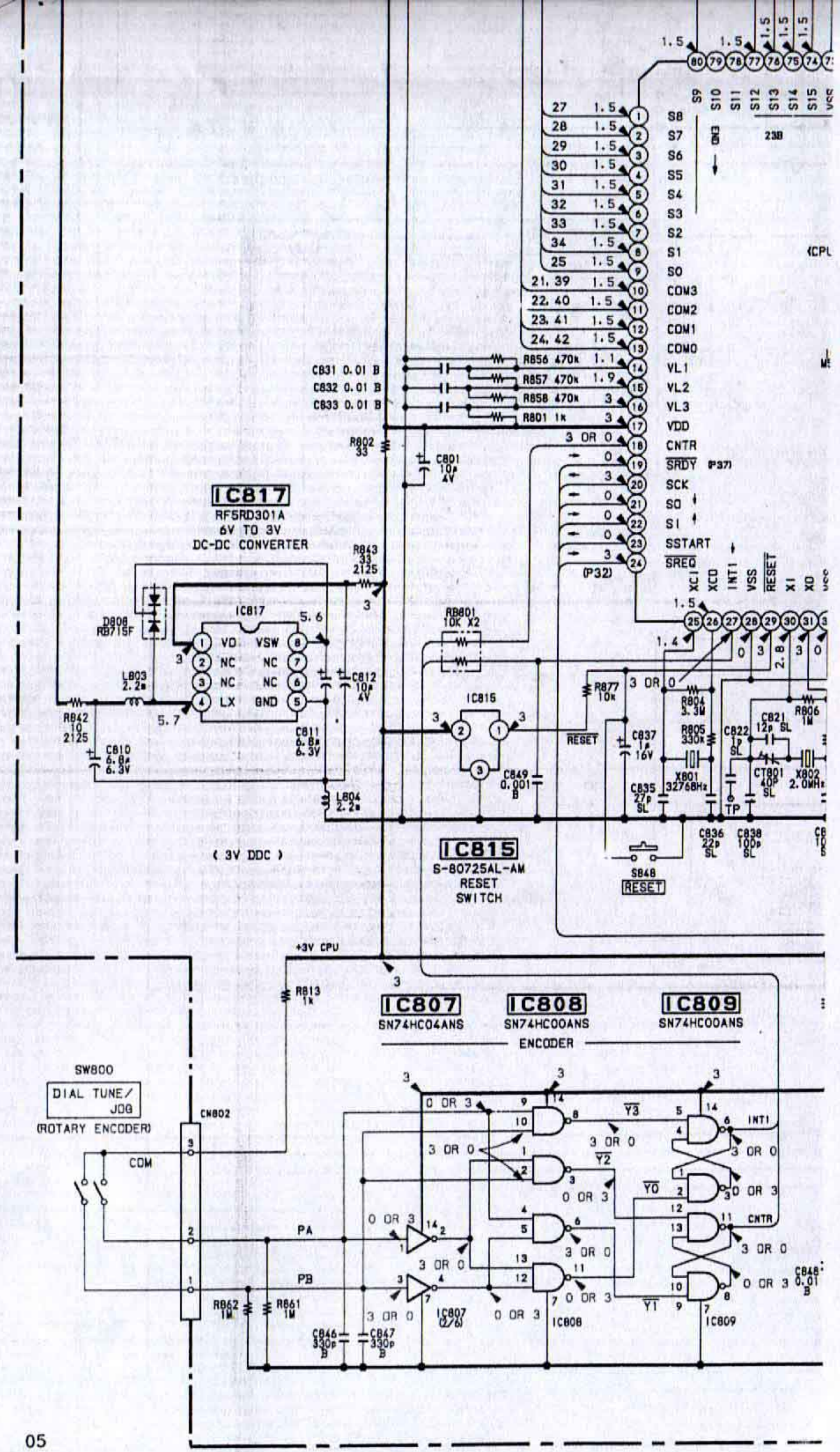
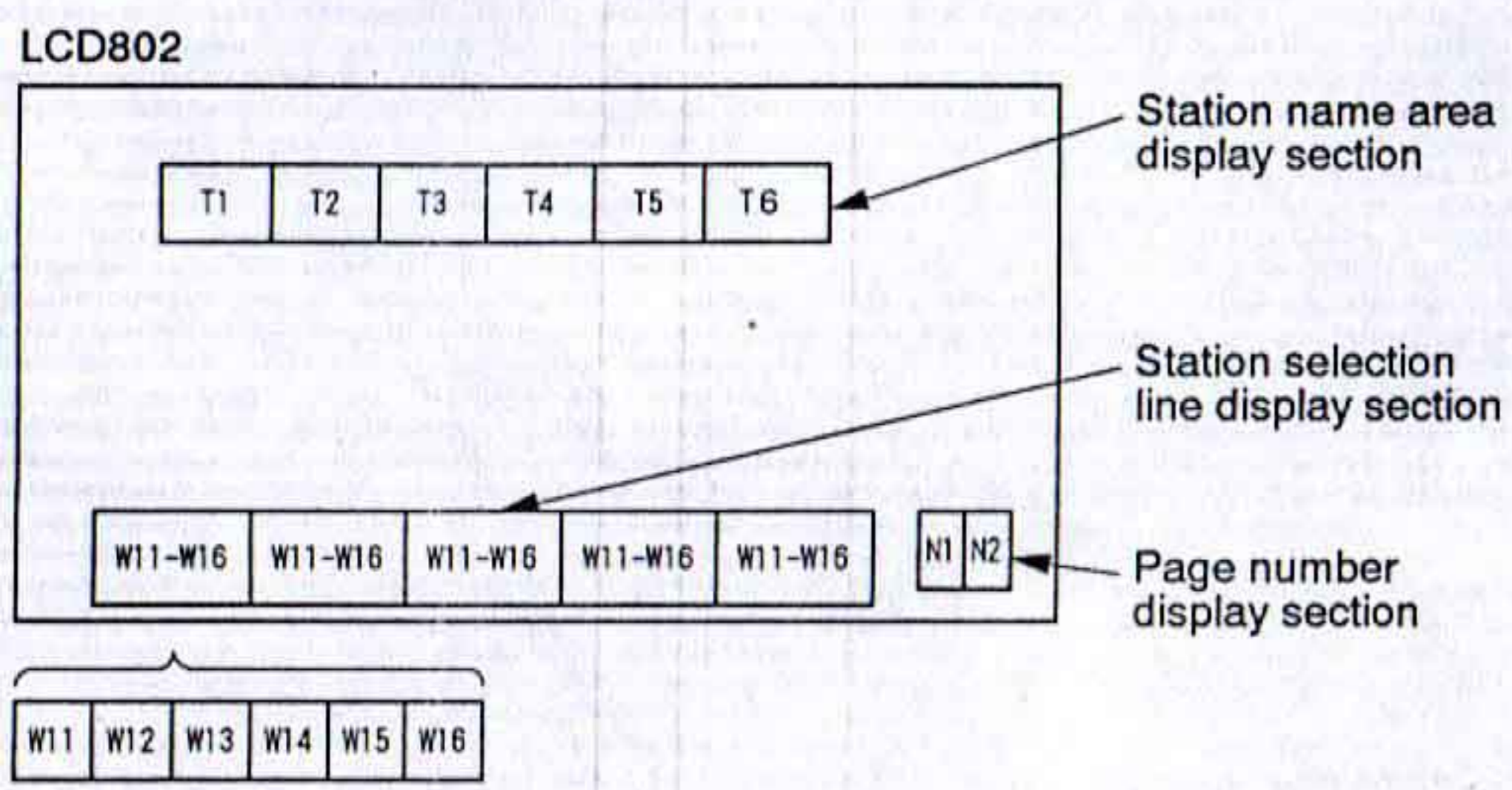
| Section | Indication on Schematic Diagram |
|--------------------------------|---------------------------------|
| Station Name Area Display | T1 - T6 |
| Station Selection Line Display | W11 - W16...W51 - W56 |
| Page Number Display | N1, N2 |

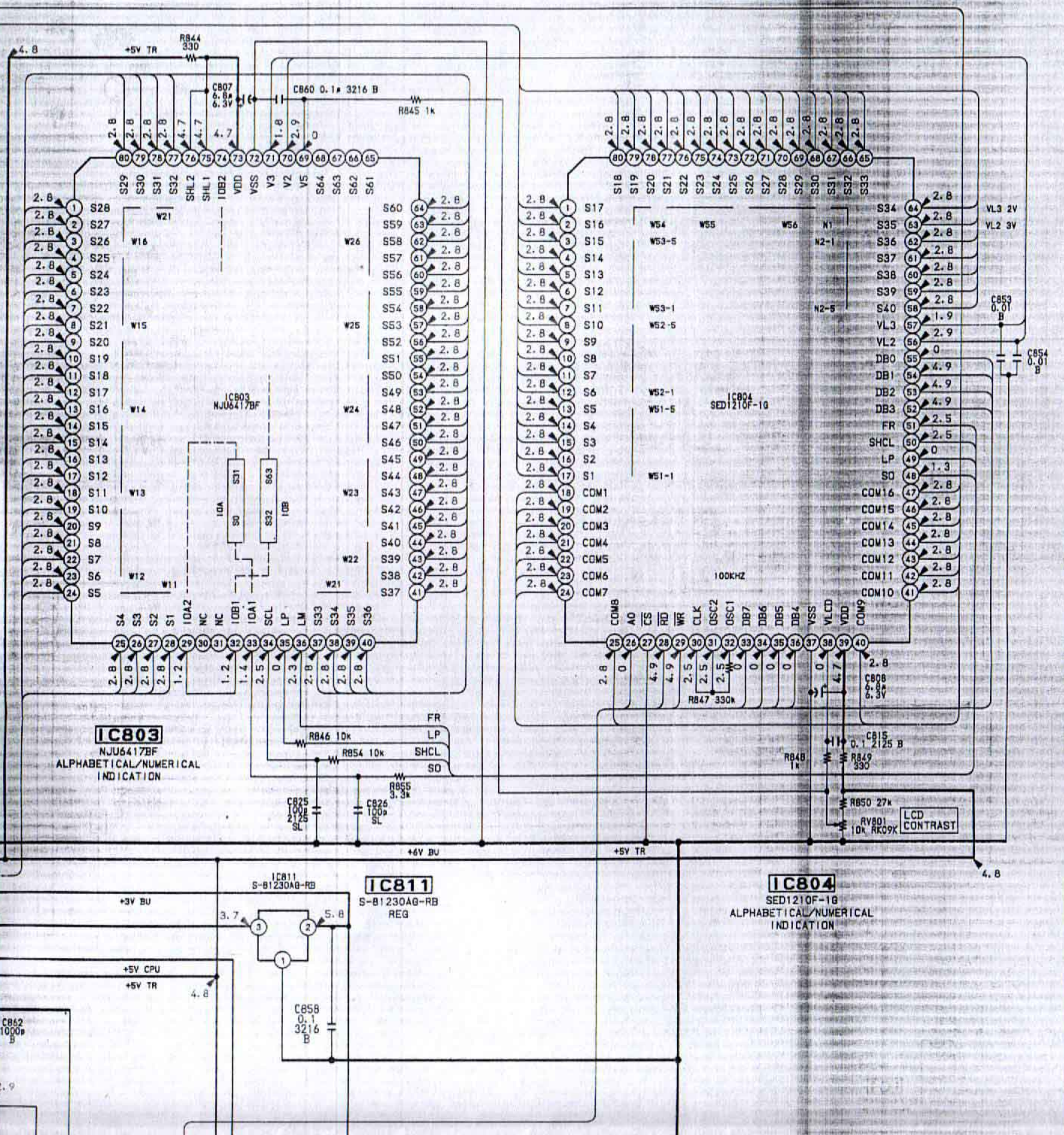
| | |
|--------------------------------|-----------------------|
| Station Name Area Display | T1 - T6 |
| Station Selection Line Display | W11 - W16...W51 - W56 |
| Page Number Display | N1, N2 |

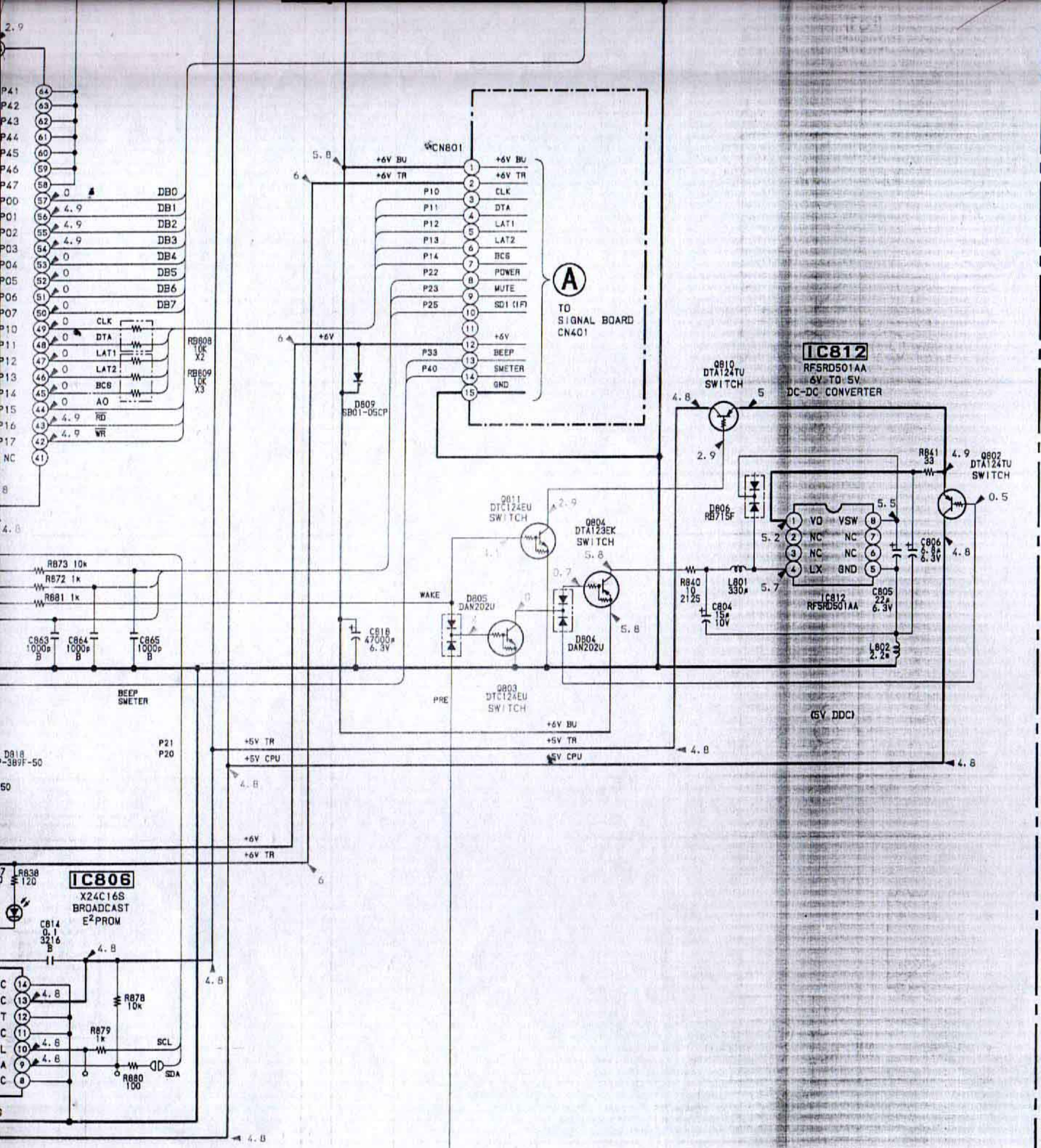
LCD driver IC804 drives 14 characters, T1 - T6, W51 - W56, N1, N2.

IC803 drives 24 characters, W11 - W16, W21 - W26, W31 - W36, W41 - W46.

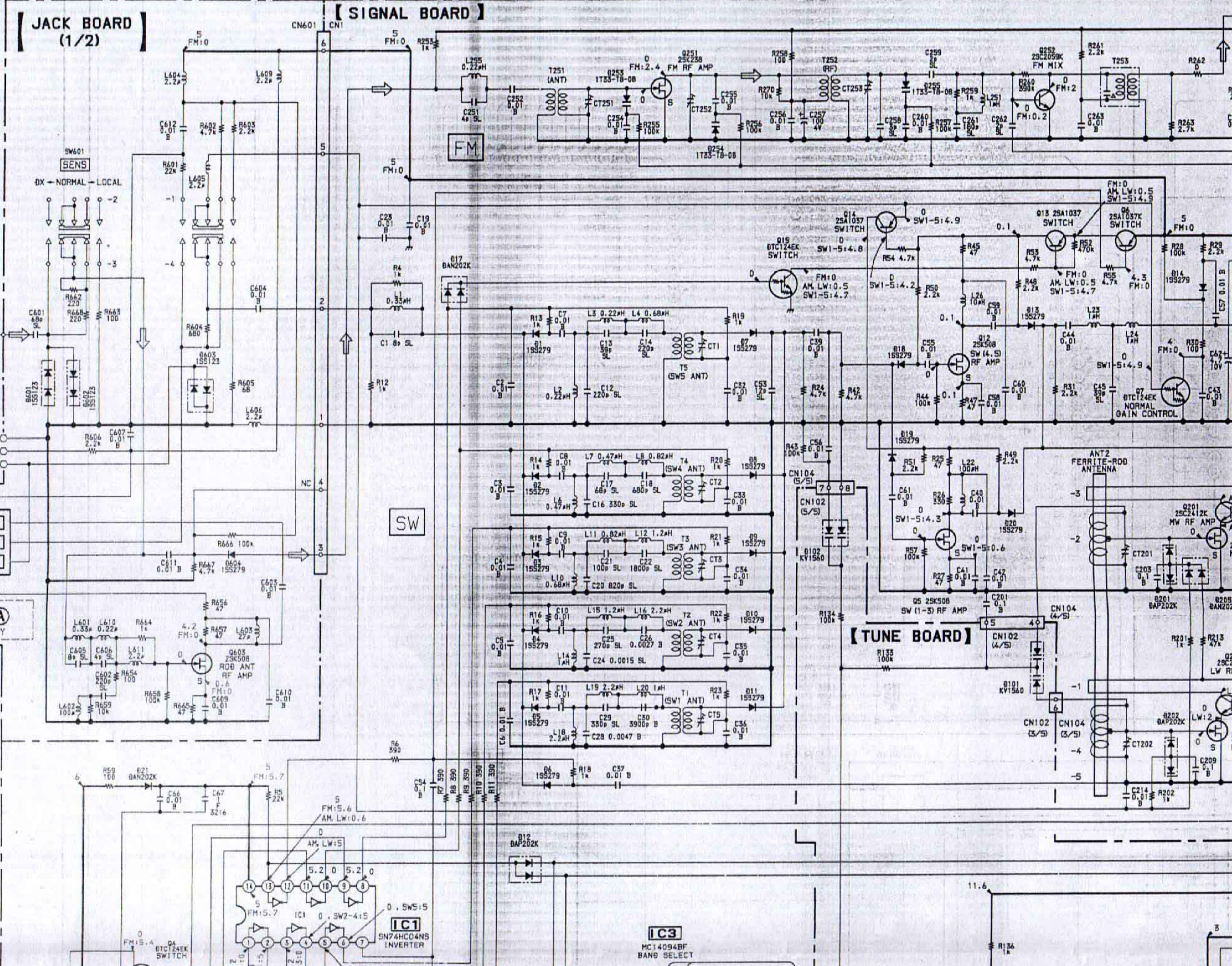
Ex.: Characters displayed on W11 section are driven by IC804 COM1 - COM8 and IC803 S1 - S5.

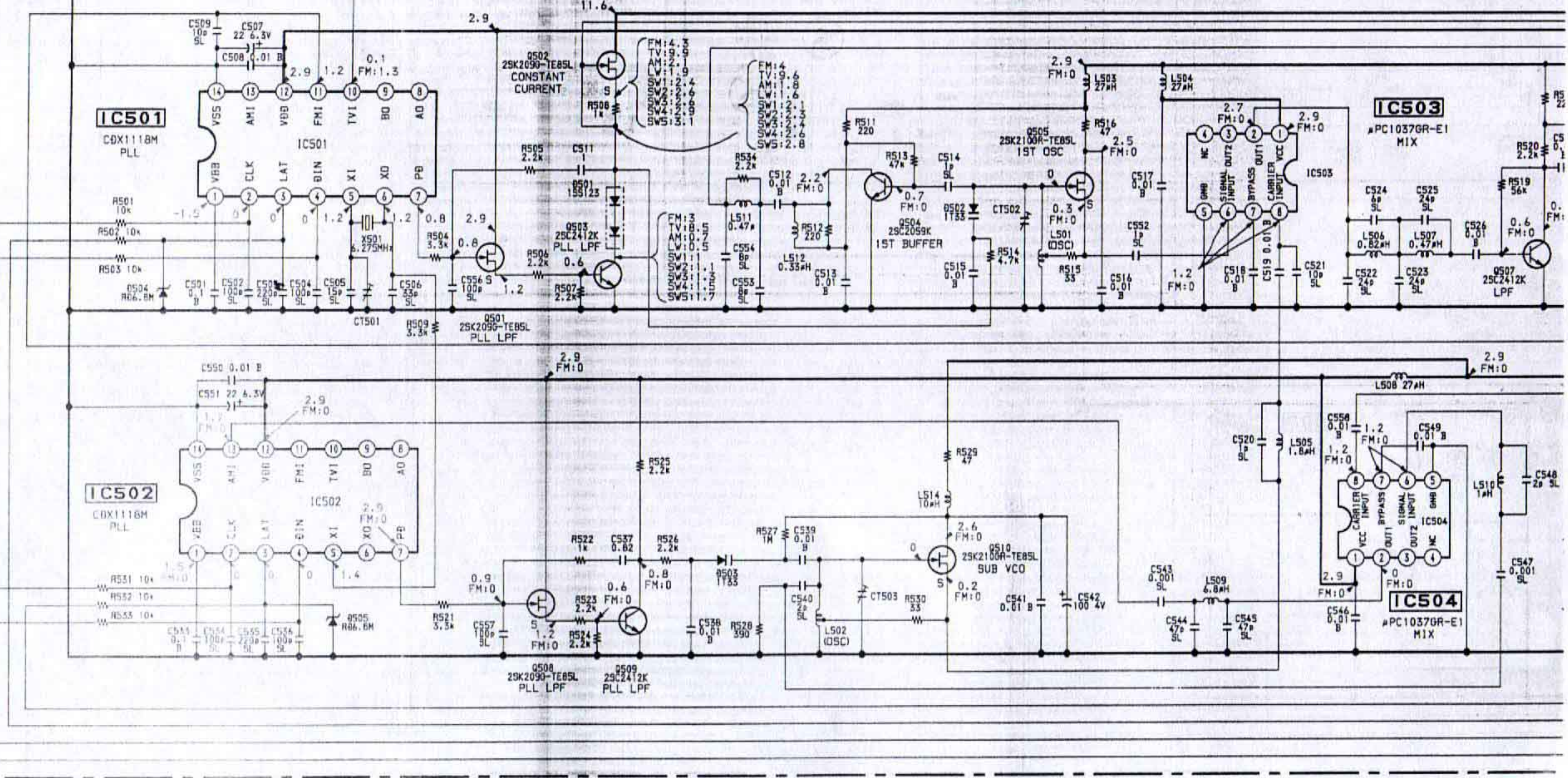
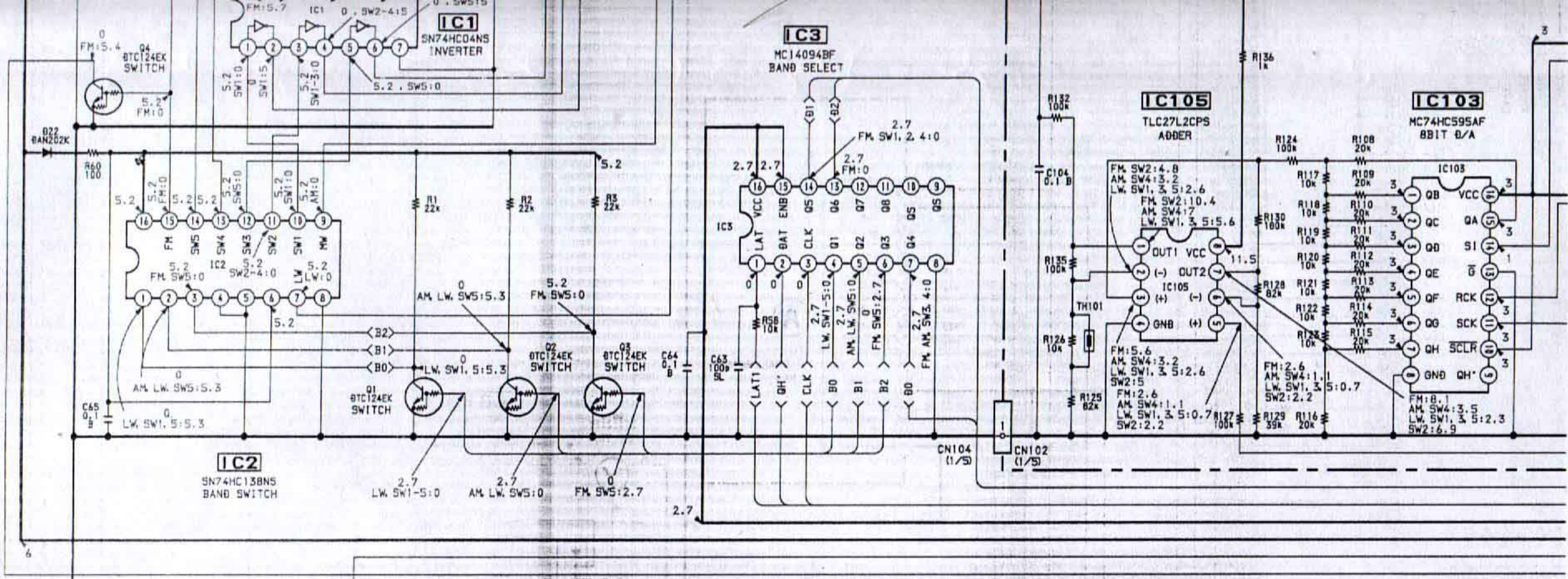


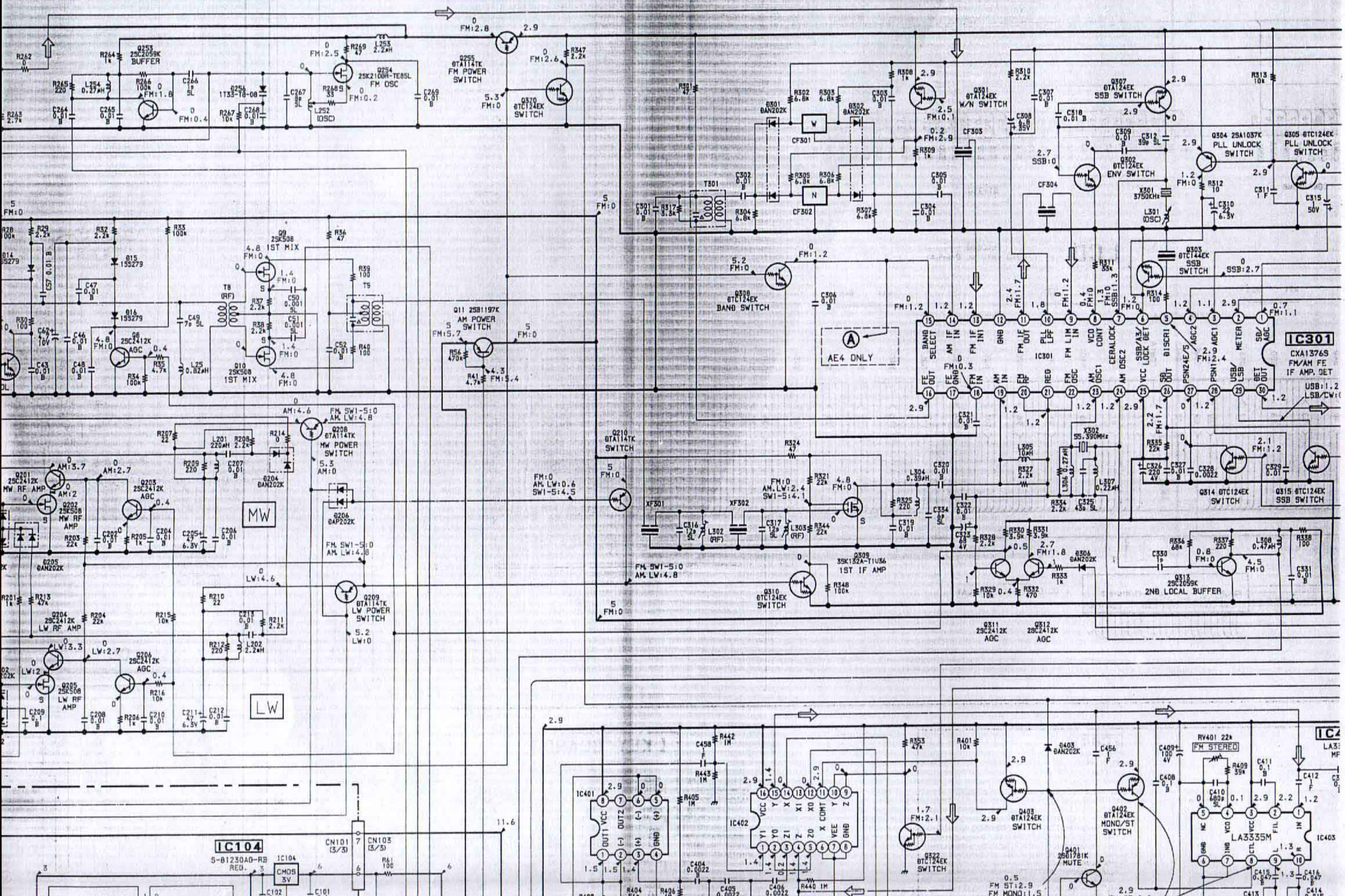


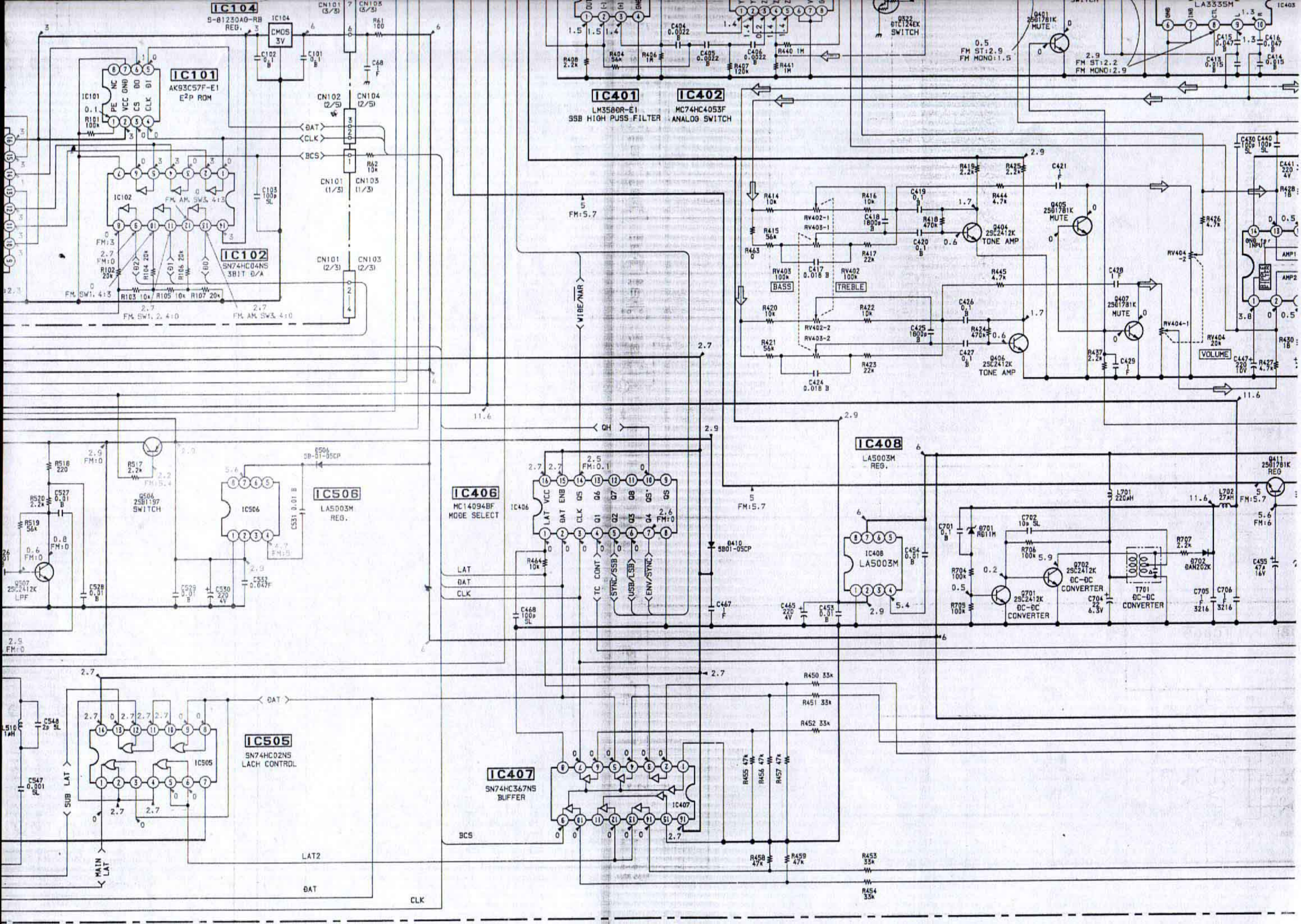


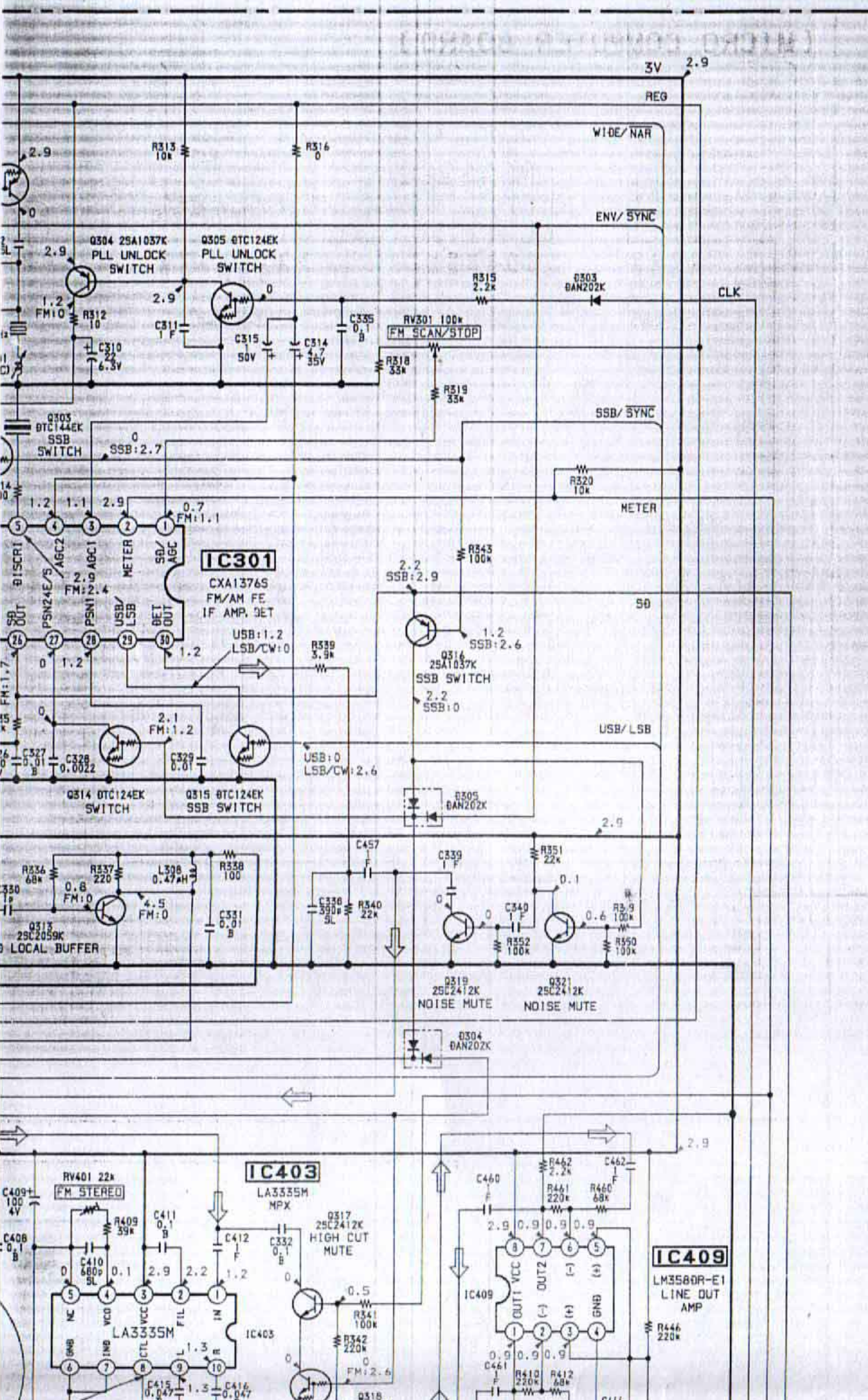
1 2 3 4 5 6 7 8 9 10 11 12



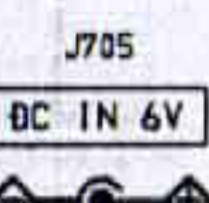
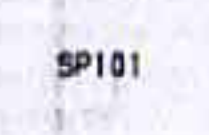
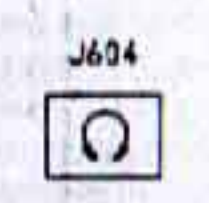
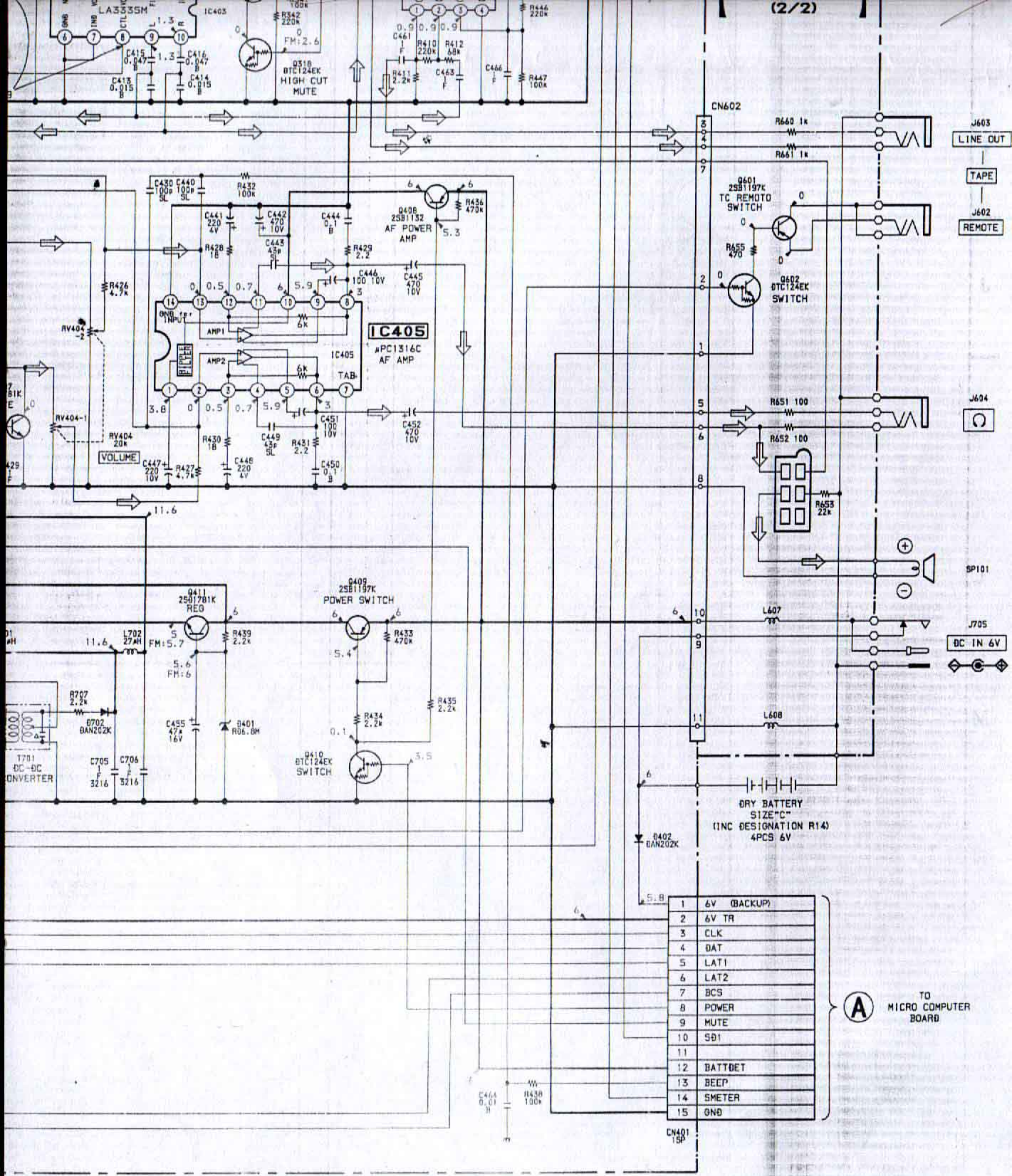








JACK BOARD
(2/2)



| | |
|----|-------------|
| 1 | 6V (BACKUP) |
| 2 | 6V TR |
| 3 | CLK |
| 4 | DAT |
| 5 | LAT1 |
| 6 | LAT2 |
| 7 | BCS |
| 8 | POWER |
| 9 | MUTE |
| 10 | SD1 |
| 11 | |
| 12 | BATTDET |
| 13 | BEEP |
| 14 | SMETER |
| 15 | GN0 |

A TO MICRO COMPUTER BOARD