

WM-D6C/TC-D6C

SONY SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model

SUPPLEMENT-2

File this supplement with the service manual.

Subject: Change of the Main Board.

This Supplement-2 contains only the information about WM-D6C.
The printed circuit boards changes to the new one.
The spectral skewing board and the DC-DC board are built in the new main board.

| Destination | Serial No. |
|-------------|---------------|
| US | After 267,201 |
| Canadian | After 270,001 |
| AEP | After 269,301 |
| UK | After 269,601 |
| E | After 270,001 |

- SCHEMATIC DIAGRAM
- PRINTED WIRING BOARD
- ELECTRICAL PARTS LIST

Sony Corporation
General Audio Group

English
94C05103-1
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Published by Audio Sector Quality Assurance Dept.

AUTO OFF **LED**

SECTION 5 EXPLODED VIEWS AND PARTS LIST (Service Manual see pages 31 to 36)

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

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|-----------------------|----------------------------|---------------|--------------|----------|----------|-------------|--------|
| < CAPACITOR > | | | | | | | |
| * A-3060-814-A | A AUTO OFF BOARD, COMPLETE | | | | | | |
| ***** | | | | | | | |
| * 3-308-430-00 | RETAINER, REFLECTOR, PHOTO | | | | | | |
| < DIODE > | | | | | | | |
| C701 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | 25V | | | |
| C702 | 1-135-161-21 | TANTALUM CHIP | 22uF | 10% | 10V | | |
| C703 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% | 50V | | |
| C704 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% | 50V | | |
| C705 | 1-163-105-00 | CERAMIC CHIP | 33PF | 5% | 50V | | |
| < IC > | | | | | | | |
| D701 | 8-719-801-78 | DIODE | 1SS184 | | | | |
| < PHOTO INTERRUPTER > | | | | | | | |
| IC701 | 8-759-958-14 | IC | MSM58141RS | | | | |
| < TRANSISTOR > | | | | | | | |
| Q701 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | | | |
| Q702 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 | | | | |
| Q703 | 8-729-420-50 | TRANSISTOR | UN5215 | | | | |
| Q704 | 8-729-420-50 | TRANSISTOR | UN5215 | | | | |
| < RESISTOR > | | | | | | | |
| R701 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | | |
| R702 | 1-216-109-00 | METAL CHIP | 330K | 5% | 1/10W | | |
| R703 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | | |
| R704 | 1-216-103-91 | METAL GLAZE | 180K | 5% | 1/10W | | |
| R705 | 1-216-103-91 | METAL GLAZE | 180K | 5% | 1/10W | | |
| R706 | 1-216-089-91 | METAL GLAZE | 47K | 5% | 1/10W | | |
| R708 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | | |
| R710 | 1-216-101-00 | METAL CHIP | 150K | 5% | 1/10W | | |
| R711 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | | |
| R712 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | | |

| Ref. No. | Part No. | Description | Remark |
|----------------|---------------------------|---------------------------|---------------|
| < RESISTOR > | | | |
| R801 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R802 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R804 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| R805 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R806 | 1-216-097-00 | METAL CHIP | 100K 5% 1/10W |
| R807 | 1-216-073-00 | METAL CHIP | 10K 5% 1/10W |
| R808 | 1-216-075-00 | METAL CHIP | 12K 5% 1/10W |
| R809 | 1-216-091-00 | METAL CHIP | 56K 5% 1/10W |
| R810 | 1-216-093-00 | METAL CHIP | 68K 5% 1/10W |
| R811 | 1-216-065-00 | METAL CHIP | 4.7K 5% 1/10W |
| R812 | 1-216-071-00 | METAL CHIP | 8.2K 5% 1/10W |
| R813 | 1-216-001-00 | METAL CHIP | 10 5% 1/10W |
| R814 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R815 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R816 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R817 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R818 | 1-216-031-00 | METAL CHIP | 180 5% 1/10W |
| R819 | 1-216-049-00 | METAL CHIP | 1K 5% 1/10W |
| < SWITCH > | | | |
| S801 | 1-554-746-11 | SWITCH, SLIDE (PEAK/BATT) | |
| S802 | 1-552-642-00 | SWITCH (DOLBY NR) | |
| S803 | 1-552-642-00 | SWITCH (TAPE) | |
| ***** | | | |
| * A-3060-812-A | A MAIN BOARD, COMPLETE | | |
| ***** | | | |
| 3-305-801-00 | SPRING | | |
| 3-305-868-00 | KNOB, SPEED CONTROL | | |
| 3-557-575-00 | SPRING, COMPRESSION | | |
| 3-831-441-XX | SPACER | | |
| 4-017-441-01 | CUSHION (B) | | |
| 7-627-451-38 | SCREW, PRECISION *K 1.4X2 | | |
| < CAPACITOR > | | | |
| C801 | 1-126-193-11 | ELECT | 1uF 20% 50V |
| C802 | 1-126-603-11 | ELECT CHIP | 4.7uF 20% 35V |
| C803 | 1-124-778-00 | ELECT CHIP | 22uF 20% 6.3V |
| C804 | 1-135-091-91 | TANTAL. CHIP | 1uF 20% 16V |
| < DIODE > | | | |
| D801 | 8-719-915-54 | DIODE | SLP159B |
| D802 | 8-719-915-54 | DIODE | SLP159B |
| D803 | 8-719-915-54 | DIODE | SLP159B |
| D804 | 8-719-915-54 | DIODE | SLP159B |
| D805 | 8-719-915-54 | DIODE | SLP159B |
| < IC > | | | |
| IC801 | 8-752-060-72 | IC | CX10043-T4 |
| < TRANSISTOR > | | | |
| Q801 | 8-729-120-28 | TRANSISTOR | 2SC1623-L5L6 |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|----------------|-------------------|
| C113 | 1-163-006-11 | CERAMIC CHIP | 560PF 10% 50V |
| C114 | 1-104-555-11 | FILM CHIP | 0.022uF 5% 16V |
| C115 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C116 | 1-104-547-11 | FILM CHIP | 0.0047uF 5% 16V |
| C117 | 1-163-121-00 | CERAMIC CHIP | 150PF 5% 50V |
| C118 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C119 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C120 | 1-135-201-11 | TANTALUM CHIP | 10uF 20% 4V |
| C121 | 1-163-024-00 | CERAMIC CHIP | 0.018uF 10% 50V |
| C122 | 1-126-193-11 | ELECT | 1uF 20% 50V |
| C123 | 1-135-072-21 | TANTALUM CHIP | 0.22uF 10% 35V |
| C124 | 1-104-551-11 | FILM CHIP | 0.047uF 5% 16V |
| C125 | 1-104-559-11 | FILM CHIP | 0.047uF 5% 16V |
| C126 | 1-104-559-11 | FILM CHIP | 0.047uF 5% 16V |
| C127 | 1-135-070-00 | TANTALUM CHIP | 0.1uF 10% 35V |
| C128 | 1-135-072-21 | TANTALUM CHIP | 0.22uF 10% 35V |
| C129 | 1-163-020-00 | CERAMIC CHIP | 0.0082uF 10% 50V |
| C130 | 1-126-190-11 | ELECT | 0.33uF 20% 50V |
| C131 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C132 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C133 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C134 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF 10% 50V |
| C135 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C136 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C137 | 1-126-205-11 | ELECT CHIP | 47uF 20% 6.3V |
| C138 | 1-126-206-11 | ELECT CHIP | 100uF 20% 6.3V |
| C139 | 1-126-601-11 | ELECT CHIP | 2.2uF 20% 50V |
| C141 | 1-163-007-11 | CERAMIC CHIP | 680PF 10% 50V |
| C142 | 1-135-070-00 | TANTALUM CHIP | 0.1uF 10% 35V |
| C143 | 1-135-179-21 | TANTAL. CHIP | 2.2uF 10% 16V |
| C144 | 1-135-210-11 | TANTALUM CHIP | 4.7uF 20% 10V |
| C145 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C146 | 1-104-553-11 | FILM CHIP | 0.015uF 5% 16V |
| C147 | 1-104-552-11 | FILM CHIP | 0.012uF 5% 16V |
| C148 | 1-104-553-11 | FILM CHIP | 0.015uF 5% 16V |
| C149 | 1-109-809-91 | CAP. CHIP MICA | 2.2PF 0.25PF 100V |
| C151 | 1-163-988-11 | CERAMIC CHIP | 180PF 5% 100V |
| C152 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C153 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF 10% 50V |
| C154 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C155 | 1-163-006-11 | CERAMIC CHIP | 560PF 10% 50V |
| C201 | 1-128-594-11 | ELECT CHIP | 1uF 20% 50V |
| C202 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C203 | 1-126-207-11 | ELECT CHIP | 33uF 20% 4V |
| C204 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C205 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C206 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C207 | 1-126-603-11 | ELECT CHIP | 4.7uF 20% 35V |

LED **MAIN**

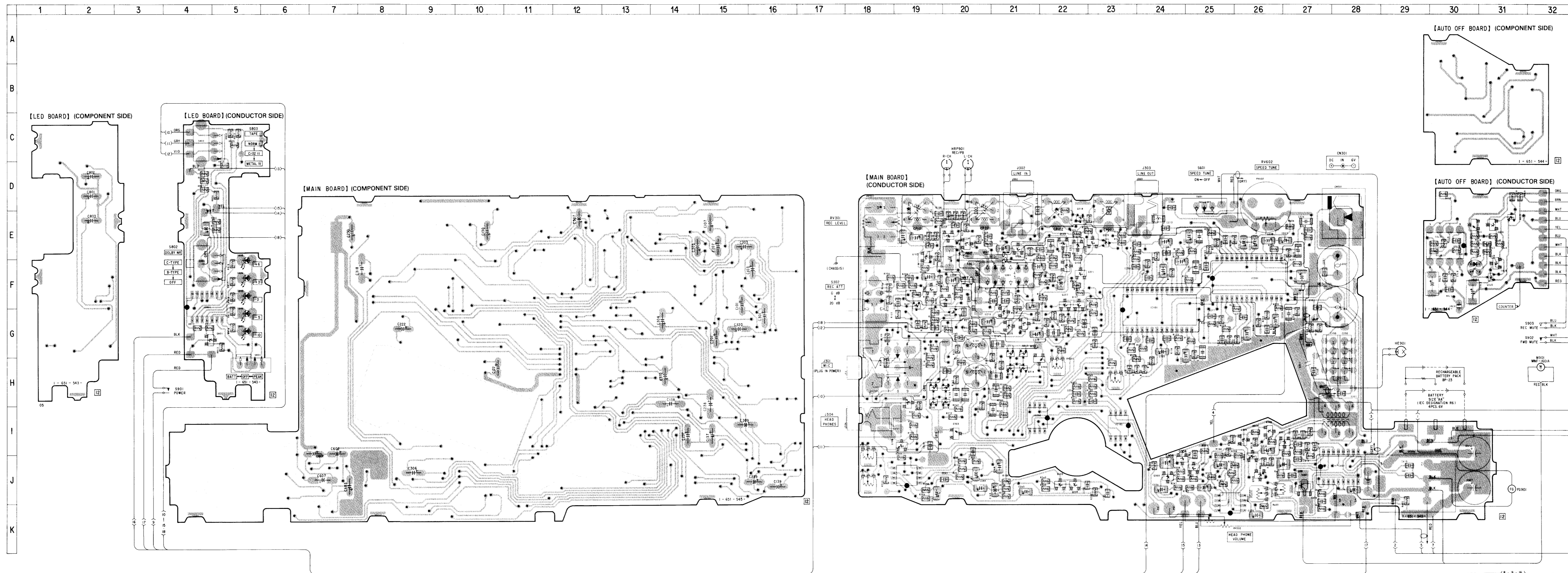
| Ref. No. | Part No. | Description | Remark |
|----------|--------------|----------------|-------------------|
| C208 | 1-163-019-00 | CERAMIC CHIP | 0.0068uF 10% 50V |
| C209 | 1-163-007-11 | CERAMIC CHIP | 680PF 10% 50V |
| C210 | 1-135-181-21 | TANTALUM CHIP | 4.7uF 20% 6.3V |
| C211 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C212 | 1-135-181-21 | TANTALUM CHIP | 4.7uF 20% 6.3V |
| C213 | 1-163-006-11 | CERAMIC CHIP | 560PF 10% 50V |
| C214 | 1-104-555-11 | FILM CHIP | 0.022uF 5% 16V |
| C215 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C216 | 1-104-547-11 | FILM CHIP | 0.0047uF 5% 16V |
| C217 | 1-163-121-00 | CERAMIC CHIP | 150PF 5% 50V |
| C218 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C219 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C220 | 1-135-201-11 | TANTALUM CHIP | 10uF 20% 4V |
| C221 | 1-163-024-00 | CERAMIC CHIP | 0.018uF 10% 50V |
| C222 | 1-126-193-11 | ELECT | 1uF 20% 50V |
| C223 | 1-135-072-21 | TANTALUM CHIP | 0.22uF 10% 35V |
| C224 | 1-104-559-11 | FILM CHIP | 0.047uF 5% 16V |
| C225 | 1-104-559-11 | FILM CHIP | 0.047uF 5% 16V |
| C226 | 1-104-559-11 | FILM CHIP | 0.047uF 5% 16V |
| C227 | 1-135-070-00 | TANTALUM CHIP | 0.1uF 10% 35V |
| C228 | 1-135-072-21 | TANTALUM CHIP | 0.22uF 10% 35V |
| C229 | 1-163-020-00 | CERAMIC CHIP | 0.0082uF 10% 50V |
| C230 | 1-126-190-11 | ELECT | 0.33uF 20% 50V |
| C231 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C232 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C233 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C234 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF 10% 50V |
| C235 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C236 | 1-135-177-21 | TANTALUM CHIP | 1uF 20% 20V |
| C237 | 1-126-205-11 | ELECT CHIP | 47uF 20% 6.3V |
| C238 | 1-126-206-11 | ELECT CHIP | 100uF 20% 6.3V |
| C239 | 1-126-601-11 | ELECT CHIP | 2.2uF 20% 50V |
| C241 | 1-163-007-11 | CERAMIC CHIP | 680PF 10% 50V |
| C242 | 1-135-070-00 | TANTALUM CHIP | 0.1uF 10% 35V |
| C243 | 1-135-179-21 | TANTAL. CHIP | 2.2uF 10% 16V |
| C244 | 1-135-210-11 | TANTALUM CHIP | 4.7uF 20% 10V |
| C245 | 1-104-551-11 | FILM CHIP | 0.01uF 5% 16V |
| C246 | 1-104-553-11 | FILM CHIP | 0.015uF 5% 16V |
| C247 | 1-104-552-11 | FILM CHIP | 0.012uF 5% 16V |
| C248 | 1-104-553-11 | FILM CHIP | 0.015uF 5% 16V |
| C249 | 1-109-809-91 | CAP. CHIP MICA | 2.2PF 0.25PF 100V |
| C251 | 1-163-988-11 | CERAMIC CHIP | 180PF 5% 100V |
| C252 | 1-163-009-11 | CERAMIC CHIP | 0.001uF 10% 50V |
| C253 | 1-163-011-11 | CERAMIC CHIP | 0.0015uF 10% 50V |
| C254 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V |
| C255 | 1-163-006-11 | CERAMIC CHIP | 560PF 10% 50V |
| C301 | 1-126-395-11 | ELECT | 22uF 20% 16V |
| C302 | 1-135-159-21 | TANTALUM CHIP | 10uF 10% 20V |
| C303 | 1-124-779-00 | ELECT CHIP | 10uF 20% 16V |

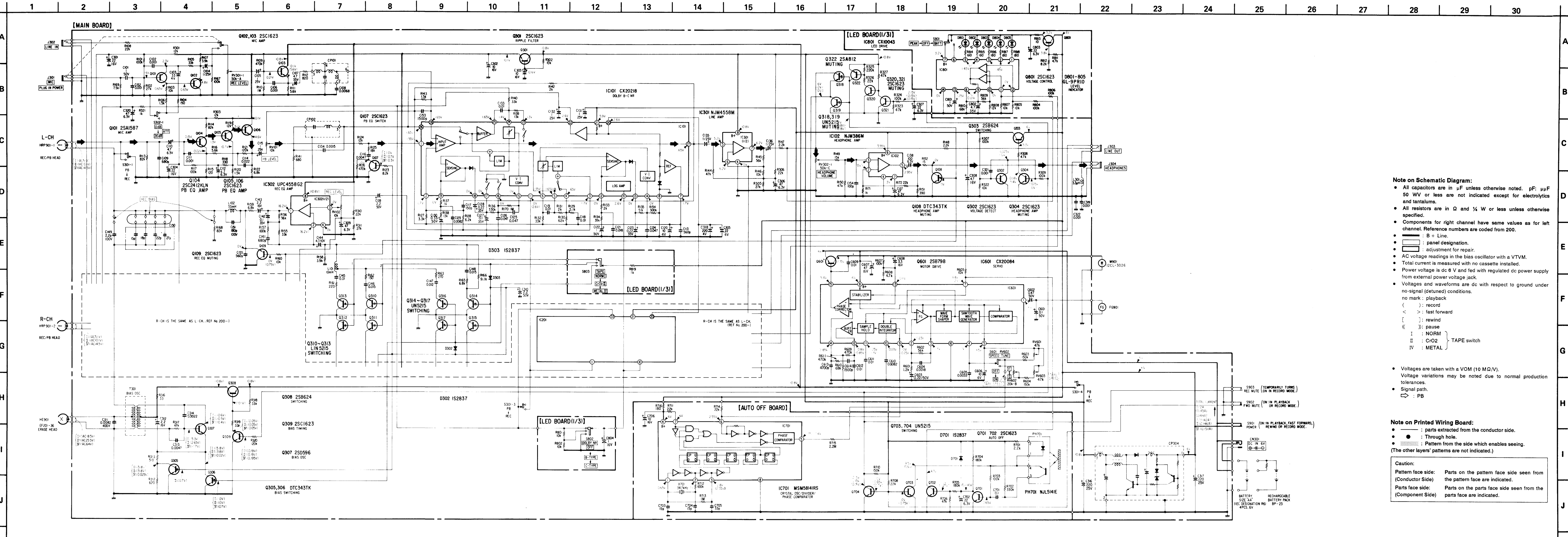
| Ref. No. | Part No. | Description | Remark |
|----------|--------------|-------------|--------------|
| C304 | 1-126-395-11 | ELECT | 22uF 20% 16V |
| C305 | 1- | | |

SECTION 4 DIAGRAMS
 PRINTED WIRING BOARDS
 (Service Manual see pages 20 to 25)

• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D302 | H-21 |
| D303 | I-20 |
| D701 | E-30 |
| D801 | G-5 |
| D802 | G-5 |
| D803 | F-5 |
| D804 | F-5 |
| D805 | F-5 |
| IC101 | G-24 |
| IC102 | I-23 |
| IC201 | F-26 |
| IC202 | I-21 |
| IC301 | J-25 |
| IC302 | J-19 |
| IC501 | J-28 |
| IC701 | E-30 |
| IC801 | F-4 |
| PH701 | F-30 |
| Q101 | F-19 |
| Q102 | F-19 |
| Q103 | E-19 |
| Q104 | E-21 |
| Q105 | E-22 |
| Q106 | F-22 |
| Q107 | F-22 |
| Q108 | I-19 |
| Q109 | J-22 |
| Q201 | G-20 |
| Q202 | F-20 |
| Q203 | E-20 |
| Q204 | G-21 |
| Q205 | G-21 |
| Q206 | G-21 |
| Q207 | F-22 |
| Q208 | H-19 |
| Q209 | J-22 |
| Q301 | E-20 |
| Q302 | J-25 |
| Q303 | J-24 |
| Q304 | J-24 |
| Q305 | J-26 |
| Q306 | J-26 |
| Q307 | I-27 |
| Q308 | I-26 |
| Q309 | I-26 |
| Q310 | H-19 |
| Q311 | H-20 |
| Q312 | H-19 |
| Q313 | H-20 |
| Q314 | H-21 |
| Q315 | H-21 |
| Q316 | G-21 |
| Q317 | G-21 |
| Q318 | E-22 |
| Q319 | E-23 |
| Q320 | E-23 |
| Q321 | F-22 |
| Q322 | E-22 |
| Q601 | J-27 |
| Q701 | F-31 |
| Q702 | E-31 |
| Q703 | F-31 |
| Q704 | E-31 |
| Q801 | G-4 |





Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF : μF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- Components for right channel have same values as for left channel. Reference numbers are coded from 200.
- : B + Line.
- : panel designation.
- : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Total current is measured with no cassette installed.
- Power voltage is dc 6 V and fed with regulated dc power supply from external power voltage jack.
- Voltagess and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- no mark : playback
- () : record
- < > : fast forward
- [] : rewind
- () : pause
- I : NORM
- II : CrO2
- IV : METAL

• Voltages are taken with a VOM (10 M Ω /V).
Voltage variations may be noted due to normal production tolerances.

• Signal path.
□ : PB

Note on Printed Wiring Board:

- : parts extracted from the conductor side.
- : Through hole.
- : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

Caution:

| | |
|--------------------|--|
| Pattern face side: | Parts on the pattern face side seen from the conductor side. |
| Parts face side: | Parts on the parts face side seen from the component side. |

MAIN

MAIN

MAIN

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------------------|--------|
| | | < IC > | |
| IC101 | 8-752-070-19 | IC CX20218-T6 | |
| IC102 | 8-759-700-50 | IC NJM386M | |
| IC201 | 8-752-070-19 | IC CX20218-T6 | |
| IC202 | 8-759-700-50 | IC NJM386M | |
| IC301 | 8-759-100-96 | IC uPC455862 | |
| IC302 | 8-759-100-96 | IC uPC455862 | |
| IC601 | 8-759-909-45 | IC CX20084 | |
| | | < JACK > | |
| J301 | 1-507-794-31 | JACK, SMALL TYPE (WITH SWITCH) (MIC) | |
| J302 | 1-507-929-41 | JACK (LINE IN) | |
| J303 | 1-507-929-41 | JACK (LINE OUT) | |
| J304 | 1-507-929-11 | JACK (HEADPHONES) | |
| | | < COIL > | |
| L101 | 1-408-682-00 | INDUCTOR 10mH | |
| L102 | 1-408-930-00 | INDUCTOR 33mH | |
| L201 | 1-408-682-00 | INDUCTOR 10mH | |
| L202 | 1-408-930-00 | INDUCTOR 33mH | |
| L301 | 1-410-198-51 | INDUCTOR CHIP 3.3uH | |
| | | < TRANSISTOR > | |
| Q101 | 8-729-013-29 | TRANSISTOR 2SA1587-GRBL-TE85L | |
| Q102 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q103 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q104 | 8-729-016-80 | TRANSISTOR 2SC2412KLN-T146-R | |
| Q105 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q106 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q107 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q108 | 8-729-920-31 | TRANSISTOR DTC343TK | |
| Q109 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q201 | 8-729-013-29 | TRANSISTOR 2SA1587-GRBL-TE85L | |
| Q202 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q203 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q204 | 8-729-016-80 | TRANSISTOR 2SC2412KLN-T146-R | |
| Q205 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q206 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q207 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q208 | 8-729-920-31 | TRANSISTOR DTC343TK | |
| Q209 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q301 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q302 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q303 | 8-729-162-45 | TRANSISTOR 2SB624-BV5 | |
| Q304 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q305 | 8-729-920-31 | TRANSISTOR DTC343TK | |
| Q306 | 8-729-920-31 | TRANSISTOR DTC343TK | |
| Q307 | 8-729-141-75 | TRANSISTOR 2SD5960V345 | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------|--------|
| Q308 | 8-729-162-45 | TRANSISTOR 2SB624-BV5 | |
| Q309 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q310 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q311 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q312 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q313 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q314 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q315 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q316 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q317 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q318 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q319 | 8-729-420-50 | TRANSISTOR UNS215 | |
| Q320 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q321 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q322 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q601 | 8-729-101-07 | TRANSISTOR 2SB798-DL | |
| | | < RESISTOR > | |
| R101 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R102 | 1-216-083-00 | METAL CHIP 27K 5% 1/10W | |
| R103 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R104 | 1-216-029-00 | METAL CHIP 150 5% 1/10W | |
| R105 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R106 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R107 | 1-216-063-00 | METAL CHIP 3.9K 5% 1/10W | |
| R108 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R109 | 1-216-113-00 | METAL CHIP 470K 5% 1/10W | |
| R110 | 1-216-121-00 | METAL CHIP 1M 5% 1/10W | |
| R111 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R112 | 1-216-047-00 | METAL CHIP 820 5% 1/10W | |
| R113 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R114 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R115 | 1-216-027-00 | METAL CHIP 120 5% 1/10W | |
| R116 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R117 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R118 | 1-216-037-00 | METAL CHIP 330 5% 1/10W | |
| R119 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |
| R120 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R121 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |
| R122 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R123 | 1-216-071-00 | METAL CHIP 8.2K 5% 1/10W | |
| R124 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |
| R125 | 1-216-079-00 | METAL CHIP 18K 5% 1/10W | |
| R126 | 1-216-113-00 | METAL CHIP 470K 5% 1/10W | |
| R127 | 1-216-061-00 | METAL CHIP 3.3K 5% 1/10W | |
| R128 | 1-216-068-00 | METAL CHIP 6.2K 5% 1/10W | |
| R129 | 1-216-066-00 | METAL CHIP 5.1K 5% 1/10W | |
| R130 | 1-216-092-00 | METAL GLAZE 62K 5% 1/10W | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|---------------------------|--------|
| R131 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R132 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R133 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R134 | 1-216-689-11 | METAL CHIP 39K 0.5% 1/10W | |
| R135 | 1-216-090-00 | METAL CHIP 51K 5% 1/10W | |
| R136 | 1-216-109-00 | METAL CHIP 330K 5% 1/10W | |
| R137 | 1-216-049-00 | METAL CHIP 1K 5% 1/10W | |
| R138 | 1-216-076-00 | METAL CHIP 13K 5% 1/10W | |
| R139 | 1-216-076-00 | METAL CHIP 13K 5% 1/10W | |
| R140 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R141 | 1-216-045-00 | METAL CHIP 680 5% 1/10W | |
| R142 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R143 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R144 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W | |
| R145 | 1-216-091-00 | METAL CHIP 56K 5% 1/10W | |
| R146 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R147 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R148 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R149 | 1-216-077-00 | METAL CHIP 15K 5% 1/10W | |
| R150 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W | |
| R151 | 1-216-039-00 | METAL CHIP 390 5% 1/10W | |
| R152 | 1-216-005-00 | METAL CHIP 15 5% 1/10W | |
| R154 | 1-216-108-00 | METAL GLAZE 300K 5% 1/10W | |
| R155 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R156 | 1-216-091-00 | METAL CHIP 56K 5% 1/10W | |
| R157 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R158 | 1-216-063-00 | METAL CHIP 3.9K 5% 1/10W | |
| R159 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R160 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R161 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| R162 | 1-216-029-00 | METAL CHIP 150 5% 1/10W | |
| R163 | 1-216-035-00 | METAL CHIP 270 5% 1/10W | |
| R165 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R166 | 1-216-072-00 | METAL CHIP 9.1K 5% 1/10W | |
| R167 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R168 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R169 | 1-216-070-00 | METAL CHIP 7.5K 5% 1/10W | |
| R170 | 1-216-121-00 | METAL CHIP 1M 5% 1/10W | |
| R171 | 1-216-049-00 | METAL CHIP 1K 5% 1/10W | |
| R172 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R201 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R202 | 1-216-083-00 | METAL CHIP 27K 5% 1/10W | |
| R203 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R204 | 1-216-029-00 | METAL CHIP 150 5% 1/10W | |
| R205 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R206 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R207 | 1-216-063-00 | METAL CHIP 3.9K 5% 1/10W | |
| R208 | 1-216-081-00 | METAL CHIP 22K 5% 1/10W | |
| R209 | 1-216-113-00 | METAL CHIP 470K 5% 1/10W | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|---------------------------|--------|
| R210 | 1-216-121-00 | METAL CHIP 1M 5% 1/10W | |
| R211 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R212 | 1-216-047-00 | METAL CHIP 820 5% 1/10W | |
| R213 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R214 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R215 | 1-216-027-00 | METAL CHIP 120 5% 1/10W | |
| R216 | 1-216-067-00 | METAL CHIP 5.6K 5% 1/10W | |
| R217 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R218 | 1-216-037-00 | METAL CHIP 330 5% 1/10W | |
| R219 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |
| R220 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R221 | 1-216-099-00 | METAL CHIP 120K 5% 1/10W | |
| R222 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R223 | 1-216-071-00 | METAL CHIP 8.2K 5% 1/10W | |
| R224 | 1-216-075-00 | METAL CHIP 12K 5% 1/10W | |
| R225 | 1-216-079-00 | METAL CHIP 18K 5% 1/10W | |
| R226 | 1-216-113-00 | METAL CHIP 470K 5% 1/10W | |
| R227 | 1-216-061-00 | METAL CHIP 3.3K 5% 1/10W | |
| R228 | 1-216-068-00 | METAL CHIP 6.2K 5% 1/10W | |
| R229 | 1-216-066-00 | METAL CHIP 5.1K 5% 1/10W | |
| R230 | 1-216-092-00 | METAL GLAZE 62K 5% 1/10W | |
| R231 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R232 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R233 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R234 | 1-216-689-11 | METAL CHIP 39K 0.5% 1/10W | |
| R235 | 1-216-090-00 | METAL CHIP 51K 5% 1/10W | |
| R236 | 1-216-109-00 | METAL CHIP 330K 5% 1/10W | |
| R237 | 1-216-049-00 | METAL CHIP 1K 5% 1/10W | |
| R238 | 1-216-076-00 | METAL CHIP 13K 5% 1/10W | |
| R239 | 1-216-076-00 | METAL CHIP 13K 5% 1/10W | |
| R240 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R241 | 1-216-045-00 | METAL CHIP 680 5% 1/10W | |
| R242 | 1-216-056-00 | METAL GLAZE 2K 5% 1/10W | |
| R243 | 1-216-053-00 | METAL CHIP 1.5K 5% 1/10W | |
| R244 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W | |
| R245 | 1-216-091-00 | METAL CHIP 56K 5% 1/10W | |
| R246 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R247 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R248 | 1-216-057-00 | METAL CHIP 2.2K 5% 1/10W | |
| R249 | 1-216-077-00 | METAL CHIP 15K 5% 1/10W | |
| R250 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W | |
| R251 | 1-216-039-00 | METAL CHIP 390 5% 1/10W | |
| R252 | 1-216-005-00 | METAL CHIP 15 5% 1/10W | |
| R254 | 1-216-108-00 | METAL GLAZE 300K 5% 1/10W | |
| R255 | 1-216-085-00 | METAL CHIP 33K 5% 1/10W | |
| R256 | 1-216-091-00 | METAL CHIP 56K 5% 1/10W | |
| R257 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R258 | 1-216-063-00 | METAL CHIP 3.9K 5% 1/10W | |

| Ref. No. | Part No. | Description | Remark |
|----------|--------------|--------------------------|--------|
| R259 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R260 | 1-216-073-00 | METAL CHIP 10K 5% 1/10W | |
| R261 | 1-216-033-00 | METAL CHIP 220 5% 1/10W | |
| R262 | 1-216-029-00 | METAL CHIP 150 5% 1/10W | |
| R263 | 1-216-035-00 | METAL CHIP 270 5% 1/10W | |
| R265 | 1-216-069-00 | METAL CHIP 6.8K 5% 1/10W | |
| R266 | 1-216-072-00 | METAL CHIP 9.1K 5% 1/10W | |
| R267 | 1-216-097-00 | METAL CHIP 100K 5% 1/10W | |
| R268 | 1-216-095-00 | METAL CHIP 82K 5% 1/10W | |
| R269 | 1-216-070-00 | METAL CHIP 7.5K 5% 1/10W | |
| | | | |