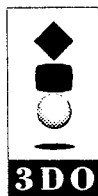


# Service Manual

3DO Interactive Multiplayer

## FZ-1

**Supplement**



**COMPACT**  
**disc**  
DIGITAL AUDIO

This is the Service Manual  
for the following area.

**[M]**...for U.S.A.

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## Main Logic Board

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Please file and use this supplement manual together with the service manual for  
Model No. FZ-1, Order No. CPD9309012C0.



### **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

# Panasonic®

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**This service manual is effective from serial number 4IKSI01001.**

**NOTE:**

**The major changes are IC160, IC200, circuit diagrams, PCB, and parts list.**

## 2-5. Terminal Function of IC's

IC160

Digital Color Encoder (P/N: DAVP536A-X1K)

| Pin No. | I/O                 | Pin Name | Comment                        |
|---------|---------------------|----------|--------------------------------|
| 1       | Input,<br>pull-down | R7       | Red pixel data 7               |
| 2       | Input,<br>pull-down | B8       | Blue pixel data 0              |
| 3       | Input,<br>pull-down | B1       | Blue pixel data 1              |
| 4       | Input,<br>pull-down |          | Blue pixel data 2              |
| 5       | Input,<br>pull-down | B3       | Blue pixel data 3              |
| 6       | Input,<br>pull-down | B4       | Blue pixel data 4              |
| 7       | Input,<br>pull-down | B5       | Blue pixel data 5              |
| 8       | Input,<br>pull-down | B6       | Blue pixel data 6              |
| 9       | Input,<br>pull-down | B7       | Blue pixel data 7              |
| 10      |                     | VAA      | Power supply                   |
| 11      |                     | GND      | Ground                         |
| 12      | Input               | CTRLC2   | Test control 1                 |
| 13      | Output              | VS       | Vertical Sync                  |
| 14      | Output              | HS       | Horizontal Sync                |
| 15      | Input               | CTRLC1   | Test control 2                 |
| 16      | Input               | RESET    | Reset                          |
| 17      | Input,<br>pull-down | G0       | Green pixel data 0             |
| 18      | Input,<br>pull-down | G1       | Green pixel data 1             |
| 19      | Input,<br>pull-down | G2       | Green pixel data 2             |
| 20      | Input,<br>pull-down | G3       | Green pixel data 3             |
| 21      | Input,<br>pull-down | G4       | Green pixel data 4             |
| 22      | Input,<br>pull-down | G5       | Green pixel data 5             |
| 23      | Input,<br>pull-down | G6       | Green pixel data 6             |
| 24      | Input,<br>pull-down | G7       | Green pixel data 7             |
| 25      |                     | VAA      | Power supply                   |
| 26      |                     | GND      | Ground                         |
| 27      |                     | GND      | Ground                         |
| 28      | Output              | VREF     | Reference voltage              |
| 29      | Input               | LGAIN    | Luminance current gain control |
| 30      |                     | LCOMP    | Luminance DAC compensation     |
| 31      |                     | VAA      | Power supply                   |
| 32      | Output              | LOUT     | Luminance signal               |
| 33      |                     | GND      | Ground                         |

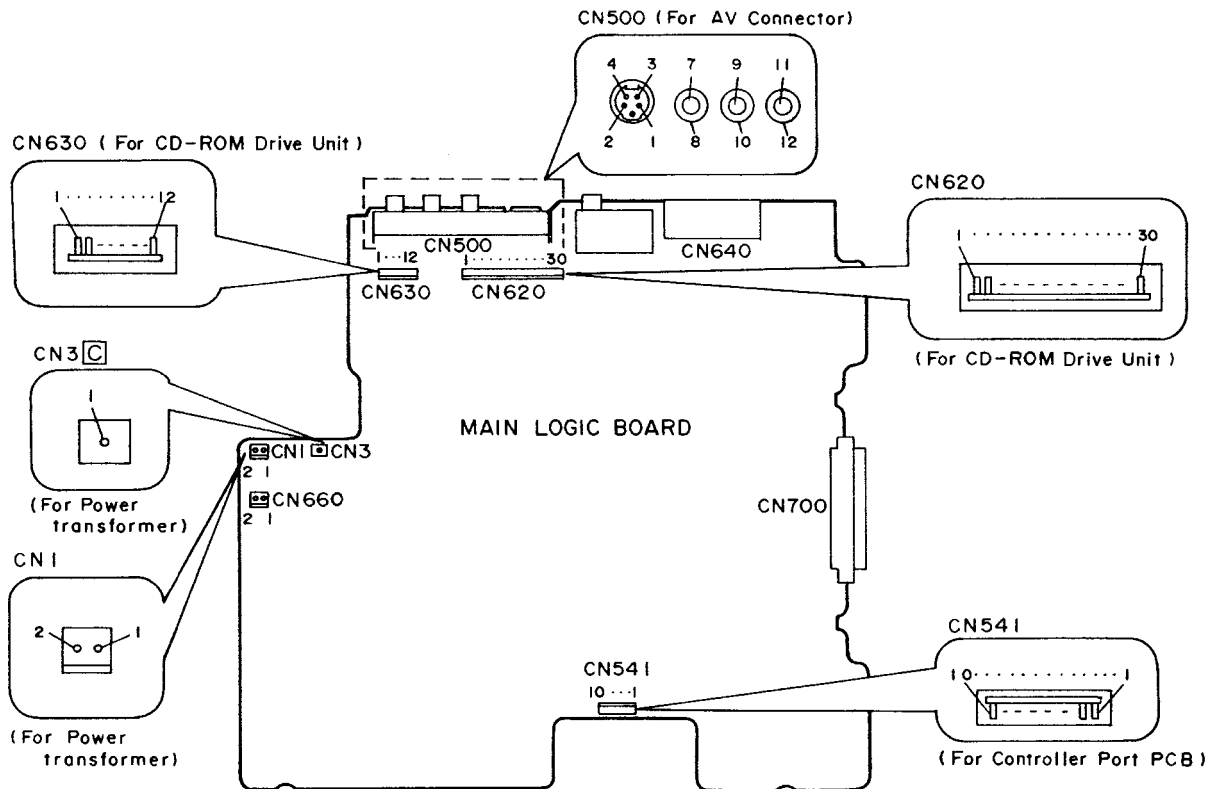
| Pin No. | I/O                 | Pin Name     | Comment                      |
|---------|---------------------|--------------|------------------------------|
| 34      | Output              | COMPOU<br>TB | Composite signal             |
| 35      |                     | GND          | Ground                       |
| 36      | Output              | COUT         | Chroma signal                |
| 37      |                     | VAA          | Power supply                 |
| 38      |                     | CCOMP        | Chroma compensation          |
| 39      |                     | CGAIN        | Chroma current gain control  |
| 40      |                     | VAA          | Power supply                 |
| 41      | Input               | TEST0        | Test pin                     |
| 42      | Input               | TEST1        | Test pin                     |
| 43      | Input               | TEST2        | Test pin                     |
| 44      | Input               | TEST3        | Test pin                     |
| 45      | Input               | TEST4        | Test pin                     |
| 46      | Input               | TEST5        | Test pin                     |
| 47      | Input               | TEST6        | Test pin                     |
| 48      | Input               | TEST7        | Test pin                     |
| 49      | Input,<br>pull-down | TCSPK        | Expansion band width control |
| 50      | Input,<br>pull-down | TSURST       | Video timing sync reset      |
| 51      | Output              | CLKI2O       | Pixel rate clock             |
| 52      | Input,<br>pull-down | CTRLB1       | Standard video control 1     |
| 53      | Input,<br>pull-down | CTRLB2       | Standard video control 2     |
| 54      | Input,<br>pull-down | CTRLB3       | Input data format control 3  |
| 55      |                     | VAA          | Power supply                 |
| 56      |                     | GND          | Ground                       |
| 57      | Input               | CLK251       | Pixel rate 2x clock          |
| 58      | Input,<br>pull-down | CTRLA2       | Input data format control 2  |
| 59      | Input,<br>pull-up   | CTRLA1       | Input data format control 1  |
| 60      | Input               | CLKI2I       | Pixel rate clock             |
| 61      | Output              | CLKI2O       | Pixel clock                  |
| 62      | Input,<br>pull-down | R0           | Red pixel data 0             |
| 63      | Input,<br>pull-down | R1           | Red pixel data 1             |
| 64      | Input,<br>pull-down | R2           | Red pixel data 2             |
| 65      | Input,<br>pull-down | R3           | Red pixel data 3             |
| 66      | Input,<br>pull-down | R4           | Red pixel data 4             |
| 67      | Input,<br>pull-down | R5           | Red pixel data 5             |
| 68      | Input,<br>pull-down | R6           | Red pixel data 6             |

## IC200

## Audio DAC (P/N: DA4316VSE2XQ)

| Pin No. | I/O    | Pin Name | Comment                              |
|---------|--------|----------|--------------------------------------|
| 1       |        | N/C      | (Not Connected)                      |
| 2       | Output | VREF     | Voltage Reference output             |
| 3       |        | N/C      | (Not Connected)                      |
| 4       |        | AVDD     | Analog power supply                  |
| 5       |        | AVSS     | Analog ground                        |
| 6       | Input  | TST      | Test pin                             |
| 7       | Input  | LRCK     | L/R Clock input                      |
| 8       | Input  | BICK     | Serial data clock                    |
| 9       | Input  | SDATA    | Serial Data                          |
| 10      |        | DVSS     | Digital ground                       |
| 11      |        | N/C      | (Not Connected)                      |
| 12      |        | DVDD     | Digital 5V                           |
| 13-16   |        | N/C      | (Not Connected)                      |
| 17      | Input  | XTI      | Master clock input                   |
| 18      |        | N/C      | (Not Connected)                      |
| 19      | Output | XTO      | Crystal Oscillator output            |
| 20      | Input  | PD-      | Power Down signal input              |
| 21      | Input  | CKS      | Master clock select                  |
| 22      | Output | DZF      | Zero input detect pin                |
| 23      | Output | AOUTR-   | Right channel analog negative output |
| 24      | Output | AOUTR+   | Right channel analog positive output |
| 25      | Output | AOURL-   | Left channel analog negative output  |
| 26      | Output | AOUTL+   | Left channel analog positive output  |
| 27, 28  |        | N/C      | (Not Connected)                      |

## 2-6. Pin Configurations of PCB



**CN1**  
Power Connector (2-pin)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | AC                      | --        |
| 2       | AC                      | --        |

**CN3**  
Power Connector (1-pin)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | (for discharge)         | --        |

**CN500**  
AV Connector (12-pin)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | GND                     | --        |
| 2       | GND                     | --        |
| 3       | Y SVHS OUT              | Out       |
| 4       | C SVHS OUT              | Out       |
| 5       | GND                     | --        |
| 6       | GND                     | --        |
| 7       | COMP VIDEO              | Out       |
| 8       | GND                     | --        |
| 9       | LEFT AUDIO              | Out       |
| 10      | GND                     | --        |
| 11      | RIGHT AUDIO             | Out       |
| 12      | GND                     | --        |

**CN541**  
PCB Connector (10-pin)

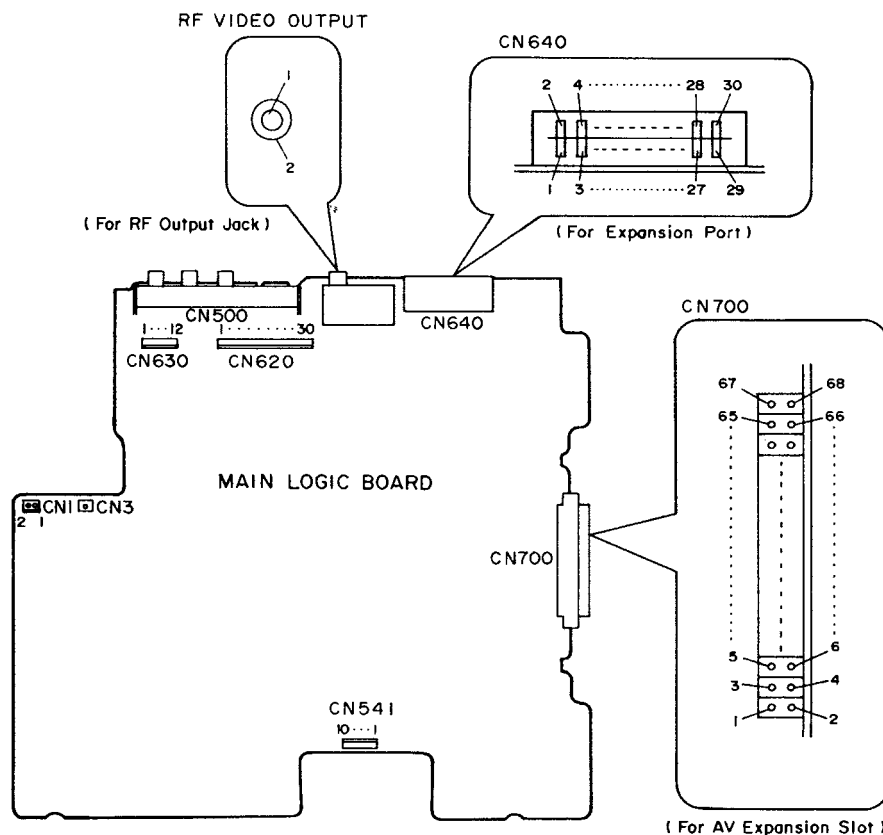
| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | +5V                     | --        |
| 2       | PBDIN                   | In        |
| 3       | PBCLK                   | Out       |
| 4       | PBDOUT                  | Out       |
| 5       | GND                     | --        |
| 6       | +5V                     | --        |
| 7       | GND                     | --        |
| 8       | RIGHT AUDIO             | Out       |
| 9       | LEFT AUDIO              | Out       |
| 10      | GND                     | --        |

**CN620**  
CD-ROM I/F Connector (30-pin)

| Pin No. | Signal Name/Description | Direction | Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|---------|-------------------------|-----------|
| 1       | CDRSTB                  | Out       | 16      | CDENB                   | Out       |
| 2       | CDMDCHG                 | In        | 17      | GND                     | --        |
| 3       | GND                     | --        | 18      | CDD7                    | In/Out    |
| 4       | CD CMD B                | Out       | 19      | GND                     | --        |
| 5       | GND                     | --        | 20      | CDD6                    | In/Out    |
| 6       | CDSTENB                 | In        | 21      | GND                     | --        |
| 7       | GND                     | --        | 22      | CDD5                    | In/Out    |
| 8       | CDDTENB                 | In        | 23      | CDD4                    | In/Out    |
| 9       | GND                     | --        | 24      | GND                     | --        |
| 10      | CDWAITB                 | In        | 25      | CDD3                    | In/Out    |
| 11      | GND                     | --        | 26      | CDD2                    | In/Out    |
| 12      | CDHRDB                  | Out       | 27      | GND                     | --        |
| 13      | GND                     | --        | 28      | CDD1                    | In/Out    |
| 14      | CDHWRB                  | Out       | 29      | GND                     | --        |
| 15      | GND                     | --        | 30      | CDD0                    | In/Out    |

**CN630**  
CD-ROM Power Supply Connector (12-pin)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | LED (BUSY)              | In        |
| 2       | SWITCH                  | Out       |
| 3       | +5V                     | Out       |
| 4       | +5V                     | Out       |
| 5       | GND                     | --        |
| 6       | GND                     | --        |
| 7       | GND                     | --        |
| 8       | GND                     | --        |
| 9       | GND                     | --        |
| 10      | VDC1 (+9V)              | Out       |
| 11      | VDC1 (+9V)              | Out       |
| 12      | VDC1 (+9V)              | Out       |



**RF VIDEO OUTPUT**  
(IC520: RF Modulator)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | RF VIDEO OUT            | Out       |
| 2       | GND                     | —         |

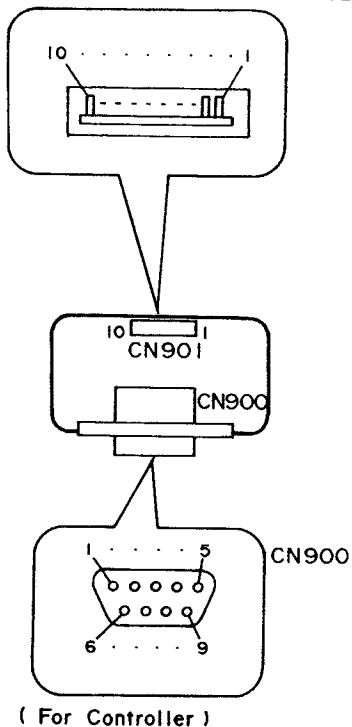
**CN640**  
Expansion Port (30-pin)

| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | GND                     | —         |
| 2       | XD0                     | In/Out    |
| 3       | XD1                     | In/Out    |
| 4       | GND                     | —         |
| 5       | XD2                     | In/Out    |
| 6       | XD3                     | In/Out    |
| 7       | GND                     | —         |
| 8       | XD4                     | In/Out    |
| 9       | XD5                     | In/Out    |
| 10      | GND                     | —         |
| 11      | XD6                     | In/Out    |
| 12      | XD7                     | In/Out    |
| 13      | GND                     | —         |
| 14      | XINTB                   | In        |
| 15      | +5V                     | —         |
| 16      | GND                     | —         |
| 17      | XSTRB                   | Out       |
| 18      | XCMDB                   | Out       |
| 19      | GND                     | —         |
| 20      | XRDYB                   | In        |
| 21      | XSELB                   | Out       |
| 22      | GND                     | —         |
| 23      | XWRTB                   | Out       |
| 24      | XIDIN                   | In        |
| 25      | GND                     | —         |
| 26      | XIDOUT                  | Out       |
| 27      | XRSTB                   | Out       |
| 28      | GND                     | —         |
| 29      | NC                      | —         |
| 30      | NC                      | —         |

**CN700**  
AV Expansion Connector (68-pin)

| Pin No. | Signal Name/Description | Direction | Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|---------|-------------------------|-----------|
| 1       | A2                      | Out       | 35      | GND                     | —         |
| 2       | A3                      | Out       | 36      | D13                     | In/Out    |
| 3       | GND                     | —         | 37      | D12                     | In/Out    |
| 4       | A4                      | Out       | 38      | D11                     | In/Out    |
| 5       | A5                      | Out       | 39      | GND                     | —         |
| 6       | A14                     | Out       | 40      | D10                     | In/Out    |
| 7       | GND                     | —         | 41      | D9                      | In/Out    |
| 8       | A15                     | Out       | 42      | D8                      | In/Out    |
| 9       | UNCREQW                 | Out       | 43      | GND                     | —         |
| 10      | UNCREQR                 | In        | 44      | D7                      | In/Out    |
| 11      | GND                     | —         | 45      | D6                      | In/Out    |
| 12      | UNCACKW                 | Out       | 46      | D5                      | In/Out    |
| 13      | UNCACKR                 | Out       | 47      | D4                      | In/Out    |
| 14      | D31                     | In/Out    | 48      | D3                      | In/Out    |
| 15      | D30                     | In/Out    | 49      | D2                      | In/Out    |
| 16      | D29                     | In/Out    | 50      | D1                      | In/Out    |
| 17      | D28                     | In/Out    | 51      | GND                     | —         |
| 18      | D27                     | In/Out    | 52      | D0                      | In/Out    |
| 19      | GND                     | —         | 53      | EXTREQW                 | In        |
| 20      | D26                     | In/Out    | 54      | EXTREQR                 | In        |
| 21      | D25                     | In/Out    | 55      | GND                     | —         |
| 22      | D24                     | In/Out    | 56      | EXTACKW                 | Out       |
| 23      | GND                     | —         | 57      | EXTACKR                 | Out       |
| 24      | D23                     | In/Out    | 58      | CLC0                    | Out       |
| 25      | D22                     | In/Out    | 59      | GND                     | —         |
| 26      | D21                     | In/Out    | 60      | CLC1                    | Out       |
| 27      | GND                     | —         | 61      | CLC2                    | Out       |
| 28      | D20                     | In/Out    | 62      | RESETB                  | Out       |
| 29      | D19                     | In/Out    | 63      | GND                     | —         |
| 30      | D18                     | In/Out    | 64      | CREADYB                 | In/Out    |
| 31      | D17                     | In/Out    | 65      | UNCINTB                 | In        |
| 32      | D16                     | In/Out    | 66      | +5V                     | —         |
| 33      | D15                     | In/Out    | 67      | +5V                     | —         |
| 34      | D14                     | In/Out    | 68      | X25M                    | Out       |

CN901 ( For MAIN LOGIC PCB )



Top View of  
Controller Port PCB

**CN901**  
**PCB Connector (12-pin)**

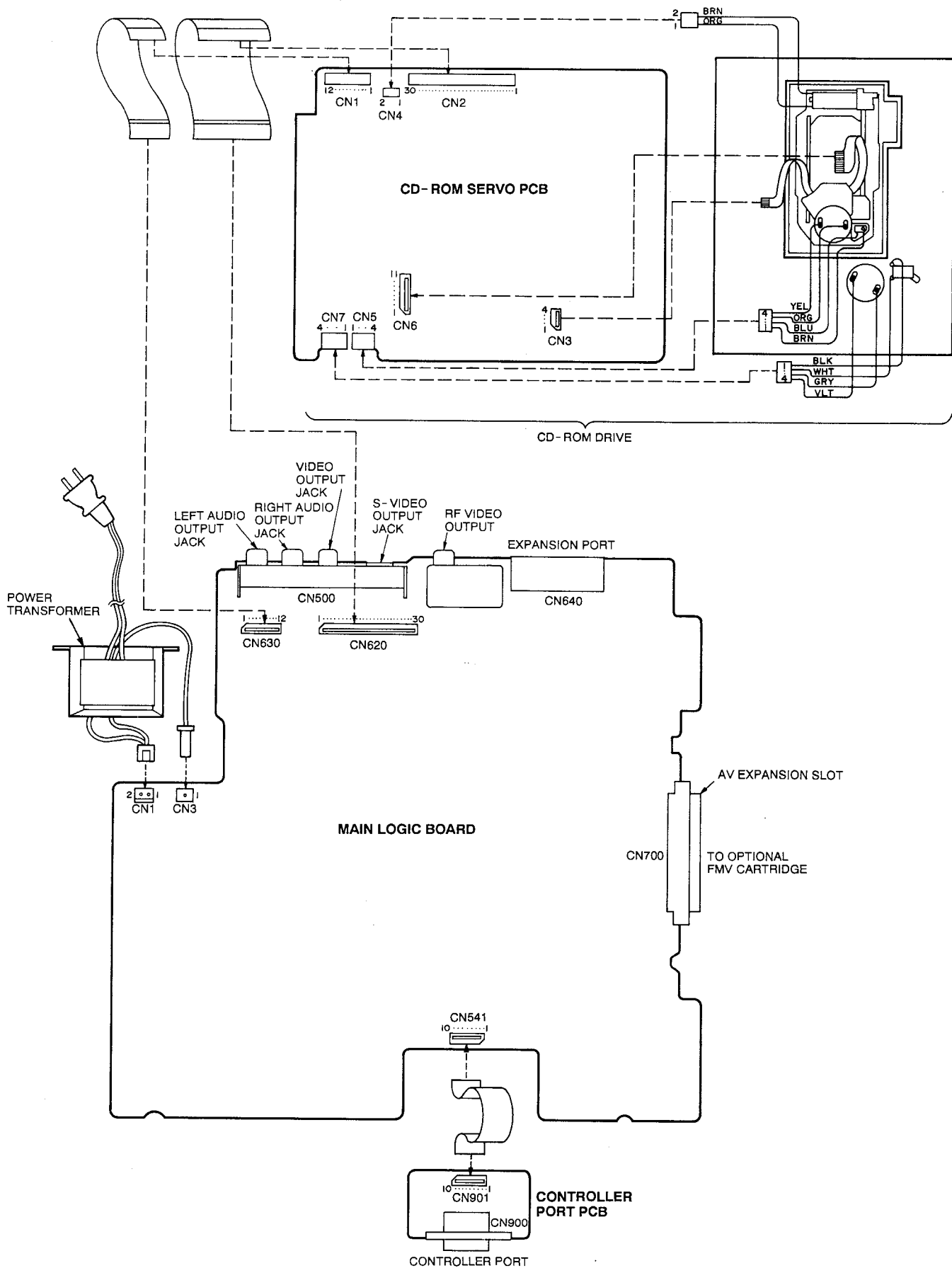
| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | ZVCC                    | —         |
| 2       | ZPDIN                   | Out       |
| 3       | ZPBCLK                  | In        |
| 4       | ZPBDOUT                 | In        |
| 5       | GND                     | —         |
| 6       | GND                     | —         |
| 7       | GND                     | —         |
| 8       | ZLAUDIO                 | In        |
| 9       | ZRAUDIO                 | In        |
| 10      | GND                     | —         |

**CN900**  
**Controller Port (9-pin)**

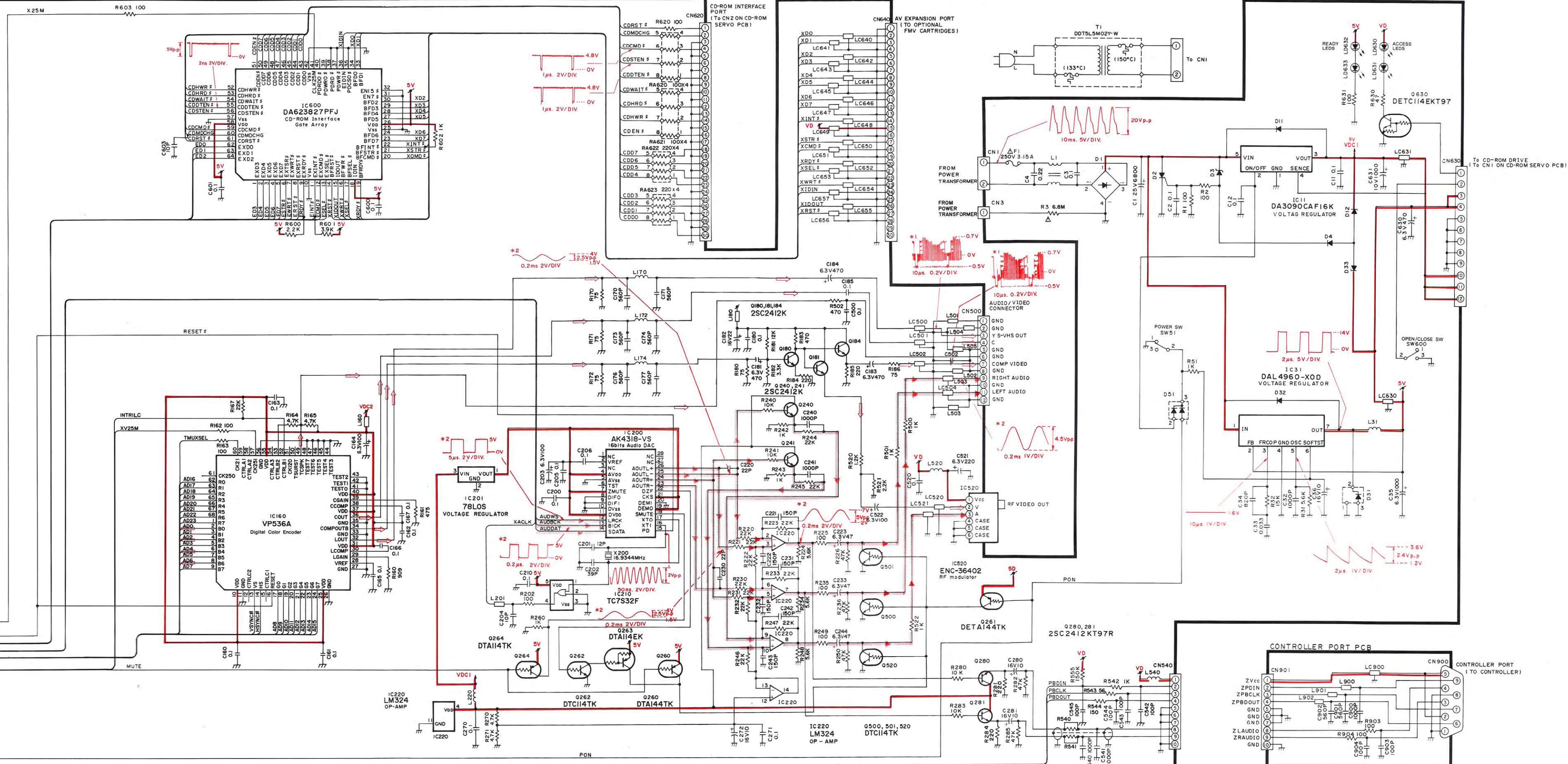
| Pin No. | Signal Name/Description | Direction |
|---------|-------------------------|-----------|
| 1       | GND                     | —         |
| 2       | ZVCC                    | —         |
| 3       | ZRAUDIO                 | Out       |
| 4       | ZLAUDIO                 | Out       |
| 5       | ZVCC                    | —         |
| 6       | ZPBDOUT                 | Out       |
| 7       | ZPBCLK                  | Out       |
| 8       | GND                     | —         |
| 9       | ZPDIN                   | In        |

### 3. Diagrams and Replacement Parts List

#### 3-1. Wiring Connection Diagram







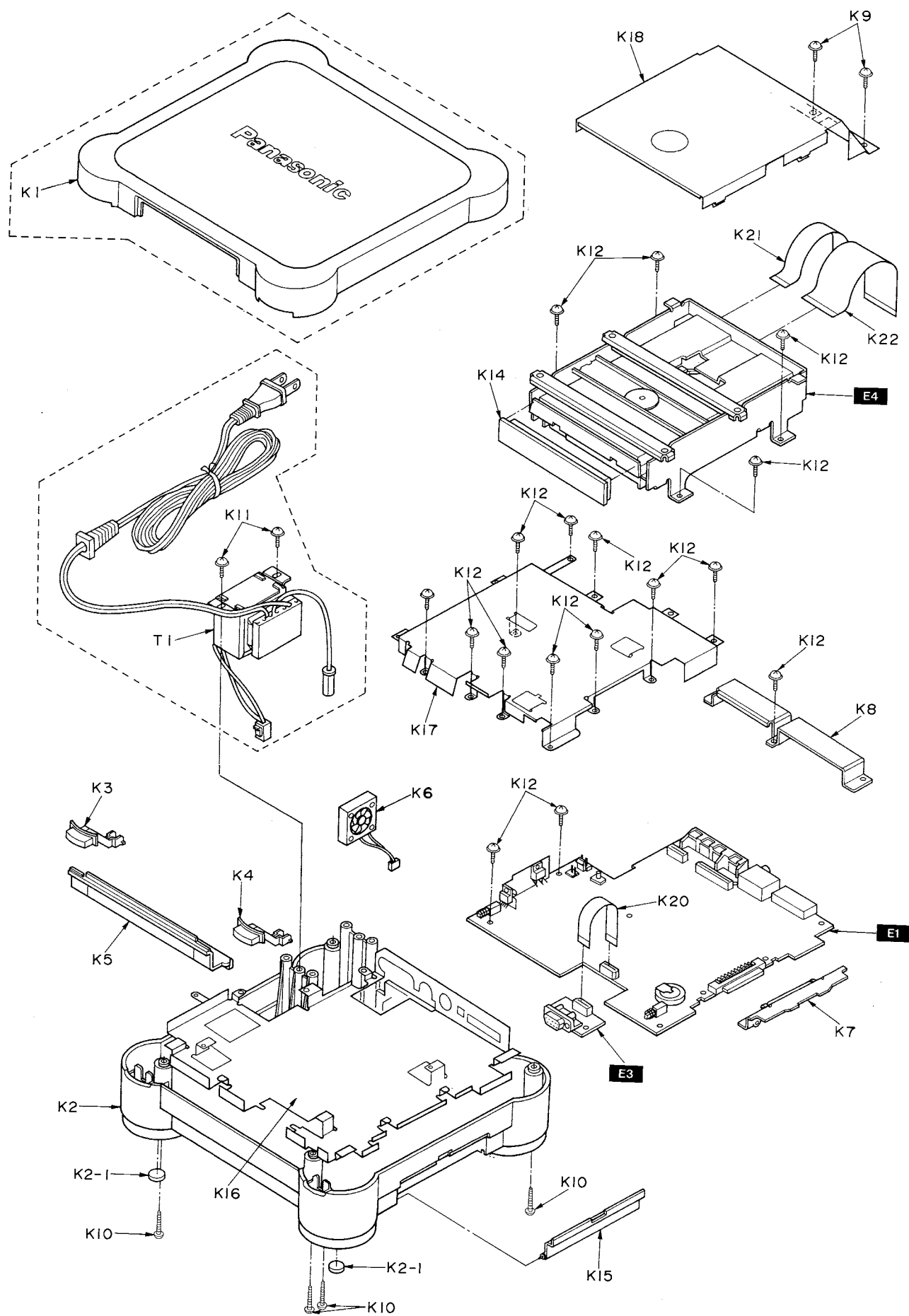
**Notes:**

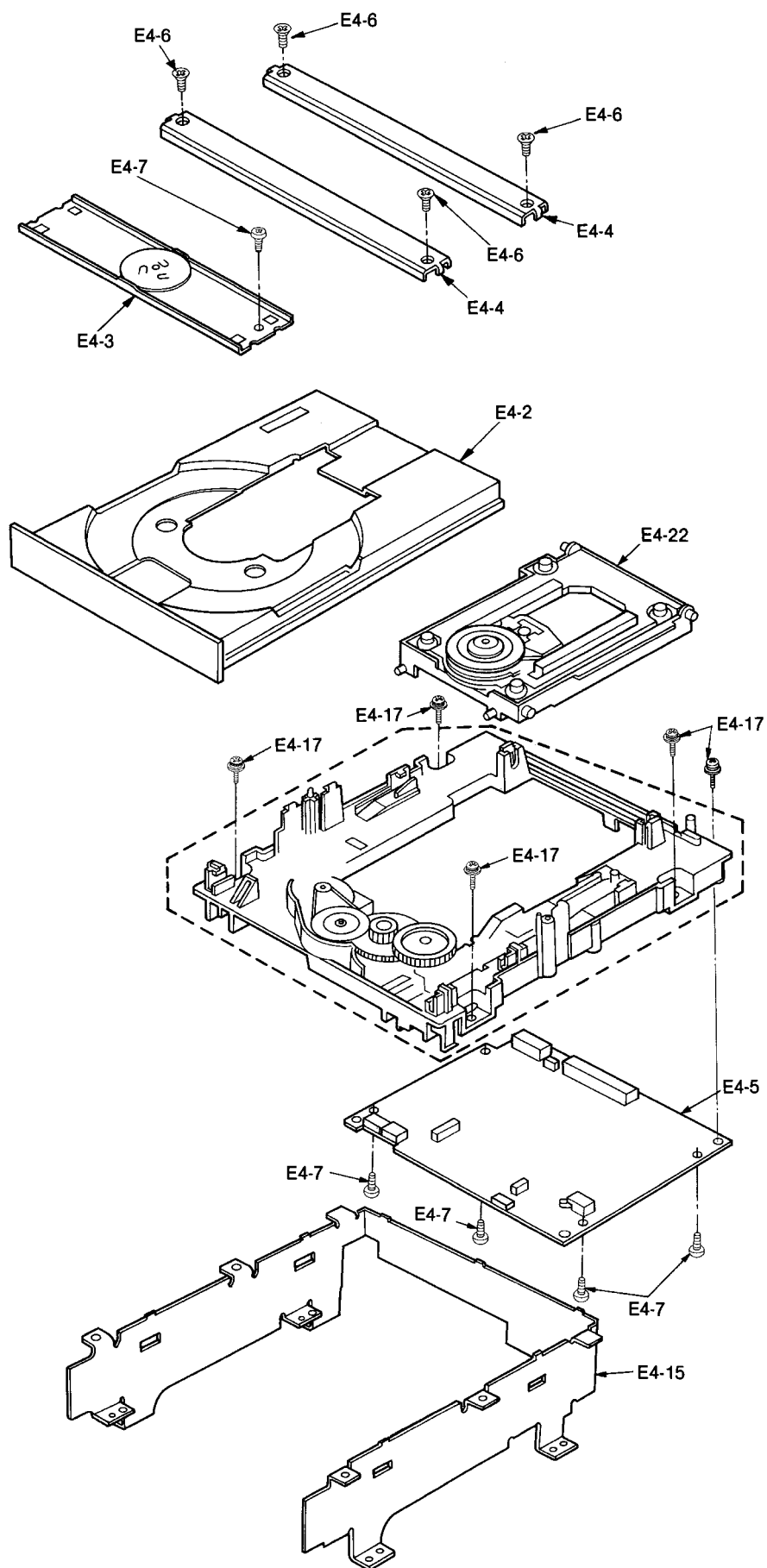
- DC voltage measurements are taken with digital voltmeter.
- All wave-forms are measured under no signal condition specified otherwise.
- Wave-forms marked \*1 are measured while the TV displays 8-color bar using the test disc (P/N: CDT-R015J-3).
- Wave-forms marked \*2 are measured while reproducing the 1 KHz (0 dB) signal portion of the test audio CD.

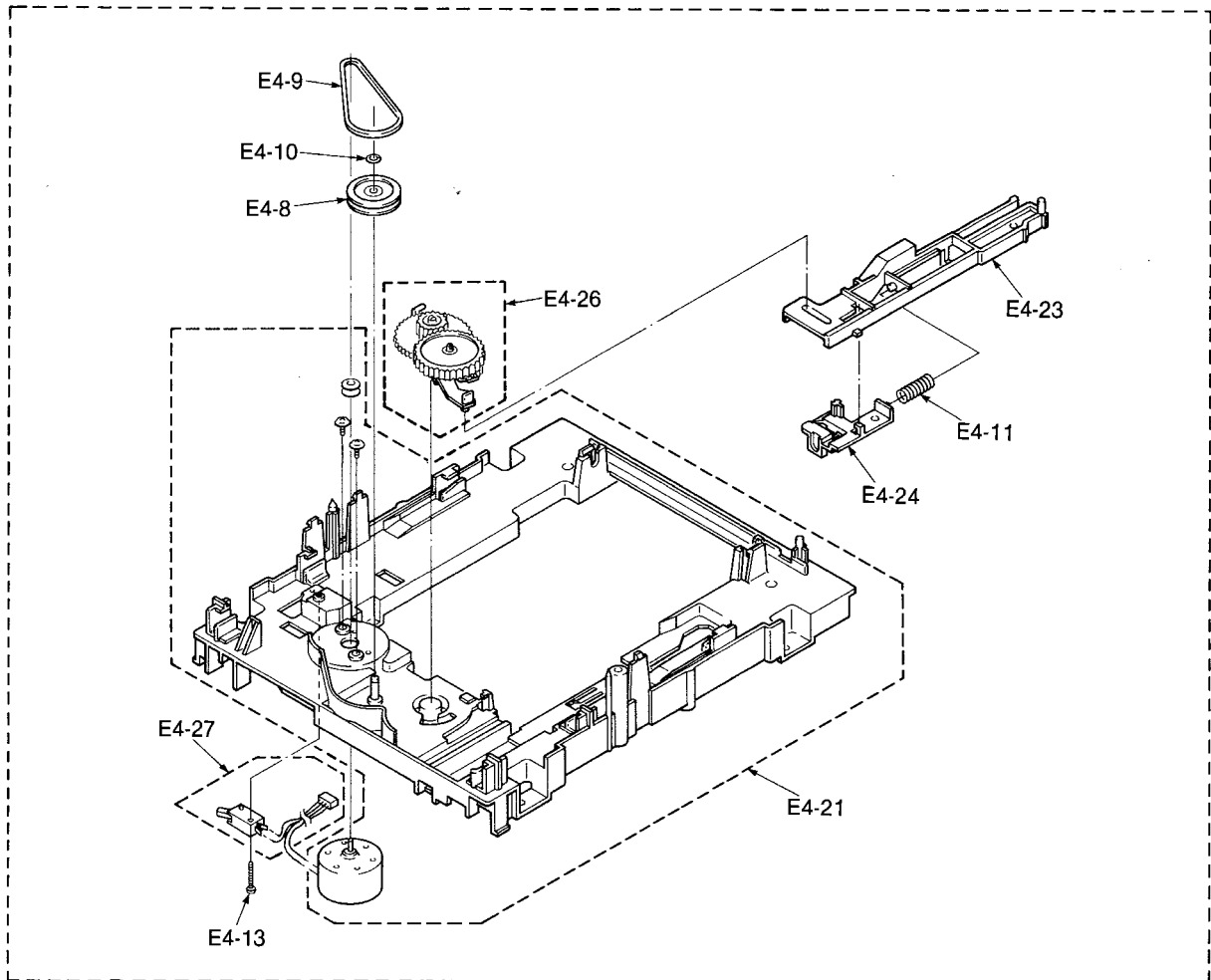
 : Video Process Signal Line

 : Audio Process Signal Line

## 3-4. Exploded Views







## Replacement Parts List (Mechanical, Accessories, Packing and Electrical)

Note: Important safety notice.

Components identified by  mark have special characteristics important for safety.

When replacing any of these components, use only manufacturer's special parts.

| REF.No.                                                                               | PART No.     | DESCRIPTION                 | Q'TY |
|---------------------------------------------------------------------------------------|--------------|-----------------------------|------|
| <b>MAIN BLOCK UNITS</b>                                                               |              |                             |      |
| E 1                                                                                   | DL3U10649HAA | Ass'y, MAIN LOGIC PCB       | 1    |
| E 3                                                                                   | DL3U20649HAA | Ass'y, CONTROLLER PORT PCB  | 1    |
| E 4  | CR-560-BCD-4 | Ass'y, CD-ROM DRIVE         | 1    |
| <b>MECHANICAL PARTS</b>                                                               |              |                             |      |
| K 1  | DFKM0161YA-0 | TOP CABINET                 | 1    |
| K 2                                                                                   | DFWV80C0332  | BOTTOM CABINET              | 1    |
| K 2-1                                                                                 | DFHG330ZA-0  | FOOT                        | 2    |
| K 3                                                                                   | DFBC0128ZA-0 | POWER ON/OFF BUTTON         | 1    |
| K 4                                                                                   | DFBC0127ZA-0 | DISC TRAY OPEN/CLOSE BUTTON | 1    |
| K 5                                                                                   | DFGL0031ZA   | LIGHT LEADING PANEL         | 1    |
| K 6                                                                                   | DFJQ014ZB    | FAN MOTOR                   | 1    |
| K 7                                                                                   | DFMD7206ZA   | FMV CONNECTOR HOLDER        | 1    |
| K 8                                                                                   | DFMD7231ZA   | AV CONNECTOR HOLDER         | 1    |
| K 10                                                                                  | XTN3+14JFZ   | SCREW, 3 × 14mm             | 4    |
| K 11                                                                                  | XTW3+10QFZ   | SCREW, 3 × 10mm             | 2    |
| K 12                                                                                  | DFHE5036ZA   | SCREW, 2.6 × 8mm            | 18   |
| K 14                                                                                  | DFGP0147ZB-0 | TRAY ORNAMENT               | 1    |
| K 15                                                                                  | DFKE0261ZA-0 | LID, FMV CONNECTOR          | 1    |
| K 16                                                                                  | DFMC0307ZB   | LOWER SHIELD PLATE          | 1    |
| K 17                                                                                  | DFMC0308ZB   | UPPER SHIELD PLATE          | 1    |
| K 18                                                                                  | DFMC0329ZA   | SHIELD PLATE (CD-ROM DRIVE) | 1    |
| K 20                                                                                  | DFJE10A050AV | FLAT CABLE (10-PIN)         | 1    |
| K 21                                                                                  | DFJE12A070AV | FLAT CABLE (12-PIN)         | 1    |
| K 22                                                                                  | DFJE30A070AV | FLAT CABLE (30-PIN)         | 1    |
| <b>ACCESSORIES</b>                                                                    |              |                             |      |
| A 1                                                                                   | DFJL0004ZA-0 | CONTROLLER                  | 1    |
| A 2                                                                                   | DFSE9004ZA   | RF CABLE                    | 1    |
| A 3                                                                                   | DFJP014ZA    | AV CABLE                    | 1    |
| A 4                                                                                   | DFJN5001ZBZ  | DEMO CD (SAMPLER CD)        | 1    |
| A 6                                                                                   | DFQX2442ZC   | MANUAL, OPERATING           | 1    |
| A 7                                                                                   | DFQX2444ZB   | MANUAL, PRECAUTIONS         | 1    |
| A 10                                                                                  | DFJP018YA    | RF EXTENTION CABLE          | 1    |

| REF.No.                  | PART No.     | DESCRIPTION                           | Q'TY |
|--------------------------|--------------|---------------------------------------|------|
| <b>PACKING MATERIALS</b> |              |                                       |      |
| P 1                      | DFPK0671XA   | PACKING CASE                          | 1    |
| P 2                      | DFPE0185ZA   | HOLDER, ACCESSORIES                   | 1    |
| P 3                      | DFPN0542ZA   | CUSHION (LEFT)                        | 1    |
| P 4                      | DFPN0543ZA   | CUSHION (RIGHT)                       | 1    |
| P 5                      | DFPP0093ZA   | POLY SHEET                            | 1    |
| <b>MAIN LOGIC PCB</b>    |              |                                       |      |
| E 1                      | DL3U10649HAA | Ass'y, MAIN LOGIC PCB                 | 1    |
| T 1                      | DDT5L5M02Y-W | POWER TRANSFORMER                     | 1    |
| BT 400                   | CR2354/1GUF  | LITHIUM BATTERY, 3V                   | 1    |
| C 1                      | ECEC1EA682BB | CAPACITOR,ELECTROLYTIC, 25V, 6800uF   | 1    |
| C 2, 3                   | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 2    |
| C 4                      | DCUC1E224KBY | CAPACITOR, CERAMIC, CHIP, 0.22uF      | 1    |
| C 11, 12                 | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 2    |
| C 32                     | DCUV1H102KBL | CAPACITOR, CERAMIC, CHIP, 1000pF      | 1    |
| C 33                     | DCUV1E333ZFL | CAPACITOR, CERAMIC, CHIP, 0.033uF     | 1    |
| C 34                     | DCUV1H821KBL | CAPACITOR, CERAMIC, CHIP, 820pF       | 1    |
| C 35                     | ECEA0JGE102B | CAPACITOR, ELECTROLYTIC, 6.3V, 1000uF | 1    |
| C 36                     | ECEA1CGE100B | CAPACITOR, ELECTROLYTIC, 16V, 10uF    | 1    |
| C 100-103                | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 4    |
| C 104                    | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF  | 1    |
| C 120-123                | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 4    |
| C 124                    | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF  | 1    |
| C 126                    | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 1    |
| C 130-132                | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 3    |
| C 140-143                | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 4    |
| C 144                    | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF  | 1    |
| C 145, 146               | DCUV1H270JCL | CAPACITOR, CERAMIC, CHIP, 27pF        | 2    |
| C 147                    | DCUV1H100JCL | CAPACITOR, CERAMIC, CHIP, 10pF        | 1    |
| C 148                    | ECEA0JU470B  | CAPACITOR, ELECTROLYTIC, 6.3V, 47uF   | 1    |
| C 160-163                | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 4    |
| C 164                    | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF  | 1    |
| C 165                    | DCUV1E105ZFL | CAPACITOR, CERAMIC, CHIP, 1uF         | 1    |
| C 166, 167               | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 2    |
| C 170, 171               | DCUV1H561JCX | CAPACITOR, CERAMIC, CHIP, 560pF, 5%   | 2    |
| C 173, 174               | DCUV1H561JCX | CAPACITOR, CERAMIC, CHIP, 560pF, 5%   | 2    |
| C 176, 177               | DCUV1H561JCX | CAPACITOR, CERAMIC, CHIP, 560pF, 5%   | 2    |
| C 180                    | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 1    |
| C 181                    | ECA0JM471B   | CAPACITOR, ELECTROLYTIC, 6.3V, 470uF  | 1    |
| C 182                    | ECEA1CU220B  | CAPACITOR, ELECTROLYTIC, 16V, 22uF    | 1    |
| C 183, 184               | ECA0JM471B   | CAPACITOR, ELECTROLYTIC, 6.3V, 470uF  | 2    |
| C 185                    | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 1    |
| C 200                    | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 1    |
| C 201                    | DCUV1H120JCL | CAPACITOR, CERAMIC, CHIP, 12pF        | 1    |
| C 202                    | DCUV1H390JCL | CAPACITOR, CERAMIC, CHIP, 39pF        | 1    |
| C 203                    | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF  | 1    |
| C 204                    | DCUV1H100JCL | CAPACITOR, CERAMIC, CHIP, 10pF        | 1    |
| C 205, 206               | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF       | 2    |

| REF.No.    | PART No.     | DESCRIPTION                            | Q'TY |
|------------|--------------|----------------------------------------|------|
| C 210      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 221, 222 | DCUV1H151JCL | CAPACITOR, CERAMIC, CHIP, 150pF, 5%    | 2    |
| C 223      | ECEA0JU470B  | CAPACITOR, ELECTROLYTIC, 6.3V, 47uF    | 1    |
| C 231, 232 | DCUV1H151JCL | CAPACITOR, CERAMIC, CHIP, 150pF, 5%    | 2    |
| C 233      | ECEA0JU470B  | CAPACITOR, ELECTROLYTIC, 6.3V, 47uF    | 1    |
| C 240, 241 | DCUV1H102KBL | CAPACITOR, CERAMIC, CHIP, 1000pF       | 2    |
| C 242, 243 | DCUV1H151JCL | CAPACITOR, CERAMIC, CHIP, 150pF, 5%    | 2    |
| C 244      | ECEA0JU470B  | CAPACITOR, ELECTROLYTIC, 6.3V, 47uF    | 1    |
| C 260      | ECEA0JU221B  | CAPACITOR, ELECTROLYTIC, 6.3V, 220uF   | 1    |
| C 270, 271 | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 2    |
| C 272      | ECEA1CU100B  | CAPACITOR, ELECTROLYTIC, 16V, 10uF     | 1    |
| C 280, 281 | ECEA1CU100B  | CAPACITOR, ELECTROLYTIC, 16V, 10uF     | 2    |
| C 300-303  | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 4    |
| C 305      | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF   | 1    |
| C 310-313  | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 4    |
| C 321      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 323      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 331      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 333      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 340      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 350      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 400      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 401      | ECEA1CU220B  | CAPACITOR, ELECTROLYTIC, 16V, 22uF     | 1    |
| C 402      | DCUV1C105ZFL | CAPACITOR, CERAMIC, CHIP, 1uF          | 1    |
| C 501      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 520      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 521      | ECEA0JU221B  | CAPACITOR, ELECTROLYTIC, 6.3V, 220uF   | 1    |
| C 522      | ECEA0JU101B  | CAPACITOR, ELECTROLYTIC, 6.3V, 100uF   | 1    |
| C 540, 541 | DCUV1H102KBL | CAPACITOR, CERAMIC, CHIP, 1000pF       | 2    |
| C 543, 544 | DCUV1H101KCL | CAPACITOR, CERAMIC, CHIP, 100pF        | 2    |
| C 600, 601 | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 2    |
| C 603      | DCUV1H100JCL | CAPACITOR, CERAMIC, CHIP, 10pF         | 1    |
| C 630      | ECA0JM471B   | CAPACITOR, ELECTROLYTIC, 6.3V, 470uF   | 1    |
| C 631      | ECA1AM102B   | CAPACITOR, ELECTROLYTIC, 10V, 1000uF   | 1    |
| C 660      | DCUV1E104ZFL | CAPACITOR, CERAMIC, CHIP, 0.1uF        | 1    |
| C 900      | DCUV1H102KBL | CAPACITOR, CERAMIC, CHIP, 1000pF       | 1    |
| C 901, 902 | DCUV1H561KBL | CAPACITOR, CERAMIC, CHIP, 560pF        | 2    |
| C 903, 904 | DCUV1H101KCL | CAPACITOR, CERAMIC, CHIP, 100pF        | 2    |
| CN 1       | DFJP02C14ZAB | CONNECTOR, 2-PIN, POWER TRANSFORMER    | 1    |
| CN 3       | DFJP006ZA001 | CONNECTOR, 1-PIN, POWER TRANSFORMER    | 1    |
| CN 500     | DFJF0A003ZAH | CONNECTOR, 12-PIN, AUDIO/VIDEO         | 1    |
| CN 540     | DFJS10N12YAJ | CONNECTOR, 10-PIN, CONTROLLER PORT PCB | 1    |
| CN 620     | DFJS30N12YAJ | CONNECTOR, 30-PIN, CD-ROM DRIVE        | 1    |
| CN 630     | DFJS12N12YAJ | CONNECTOR, 12-PIN, CD-ROM DRIVE        | 1    |
| CN 640     | DFJP30C95ZAH | CONNECTOR, EXPANSION PORT              | 1    |
| CN 660     | DFJP02C30WAB | CONNECTOR, 2-PIN, FAN MOTOR            | 1    |
| CN 700     | DFJS68D61YAF | CONNECTOR, 68-PIN, FMV CARTRIDGE       | 1    |
| D 1        | DEDD3SBA20   | RECTIFIER, BRIDGE, SILICON             | 1    |
| D 2        | DED5P4JZE2-D | DIODE, THYRISTOR                       | 1    |

| REF.No.    | PART No.                                                                                       | DESCRIPTION                     | Q'TY |
|------------|------------------------------------------------------------------------------------------------|---------------------------------|------|
| D 3        | DEDDTZ033CTT                                                                                   | DIODE, ZENNER                   | 1    |
| D 4        | MA110TX                                                                                        | DIODE                           | 1    |
| D 11       | DEDSFPM52V                                                                                     | DIODE                           | 1    |
| D 12       | DEDDTZ011ATT                                                                                   | DIODE, ZENNER                   | 1    |
| D 31       | DED30QS04FTF                                                                                   | DIODE                           | 1    |
| D 32       | DEDSFPM52V                                                                                     | DIODE                           | 1    |
| D 33       | DEDDTZ5R6ATT                                                                                   | DIODE, ZENNER                   | 1    |
| D 51       | DEDAN202KT97                                                                                   | DIODE                           | 1    |
| D 140      | MA110TX                                                                                        | DIODE                           | 1    |
| D 260      | MA110TX                                                                                        | DIODE                           | 1    |
| F 1        |  XBADFBT3R15F | FUSE, 3.15A                     | 1    |
| IC 11      | DA3090CAF16K                                                                                   | IC, VOLTAGE REGULATOR, 9V       | 1    |
| IC 31      | DAL4960-X0D                                                                                    | IC, VOLTAGE REGULATOR, 5V       | 1    |
| IC 100     | DA86C06020XV                                                                                   | IC, CPU                         | 1    |
| IC 120     | MN7A020UDA                                                                                     | IC, SYSTEM IC MADAM             | 1    |
| IC 140     | MN7A021UDB                                                                                     | IC, SYSTEM IC CLIO              | 1    |
| IC 160     | DAVP536A-X1K                                                                                   | IC, COLOR ENCODER               | 1    |
| IC 200     | DA4318VSE2XQ                                                                                   | IC, AUDIO DAC                   | 1    |
| IC 201     | DA78L05ST2-0                                                                                   | IC, VOLTAGE REGULATOR, 5V       | 1    |
| IC 210     | DA7S32FT85L0                                                                                   | IC, OR-GATE                     | 1    |
| IC 220     | DANJM2902MTP                                                                                   | IC, OP-AMP                      | 1    |
| IC 300-301 | DA8182517JTJ                                                                                   | IC, 2M-bit VRAM                 | 2    |
| IC 310-311 | MN414270SJ08                                                                                   | IC, 4M-bit DRAM                 | 2    |
| IC 320-321 | DA8182517JTJ                                                                                   | IC, 2M-bit VRAM                 | 2    |
| IC 330-331 | MN414270SJ08                                                                                   | IC, 4M-bit DRAM                 | 2    |
| IC 340     | DA838F4H9TJ                                                                                    | IC, MASKROM                     | 1    |
| IC 350     | DA58257AM2TS                                                                                   | IC, 256K-bit SRAM               | 1    |
| IC 400     | DABA6162FT2E                                                                                   | IC, BACK-UP CONTROLLER          | 1    |
| IC 520     | ENC36402                                                                                       | IC, RF-MODULATOR                | 1    |
| IC 600     | DA623827PFJ                                                                                    | IC, CD-ROM INTERFACE GATE ARRAY | 1    |
| L 1        | DDB8Z031-F                                                                                     | FILTER                          | 1    |
| L 31       | DDAWZ101KV2W                                                                                   | CHOKING COIL                    | 1    |
| L 120      | DDAZRR10KT1Y                                                                                   | INDUCTOR, 0.1uH                 | 1    |
| L 121      | DDB5Z015-Y                                                                                     | FERRITE BEAD                    | 1    |
| L 122      | DDB5Z016-Y                                                                                     | FERRITE BEAD                    | 1    |
| L 140      | DDAZRR10KT1Y                                                                                   | INDUCTOR, 0.1uH                 | 1    |
| L 160      | DDB5Z015-Y                                                                                     | FERRITE BEAD                    | 1    |
| L 170      | ELESN3R3JA                                                                                     | INDUCTOR, 3.3uH                 | 1    |
| L 172      | ELESN3R3JA                                                                                     | INDUCTOR, 3.3uH                 | 1    |
| L 174      | ELESN3R3JA                                                                                     | INDUCTOR, 3.3uH                 | 1    |
| L 180      | DDB5Z005-L                                                                                     | FERRITE BEAD                    | 1    |
| L 201      | DDB5Z005-L                                                                                     | FERRITE BEAD                    | 1    |
| L 220      | ELESN470KA                                                                                     | INDUCTOR, 47uH                  | 1    |
| L 501      | DBJ6GMJR00VE                                                                                   | FERRITE BEAD                    | 1    |
| L 503      | DDB5Z015-Y                                                                                     | FERRITE BEAD                    | 1    |
| L 504      | DBJ6GMJR00VE                                                                                   | FERRITE BEAD                    | 1    |
| L 505      | DDB5Z015-Y                                                                                     | FERRITE BEAD                    | 1    |
| L 506, 507 | DBJ6GMJR00VE                                                                                   | FERRITE BEAD                    | 2    |
| L 520      | ELESN470KA                                                                                     | FILTER                          | 1    |

| REF.No.     | PART No.     | DESCRIPTION                   | Q'TY |
|-------------|--------------|-------------------------------|------|
| L 540       | ELEV101KA    | INDUCTOR, 100uH               | 1    |
| L 660       | DDB5Z015-Y   | FERRITE BEAD                  | 1    |
| LC 100      | DEA306F223TL | FILTER                        | 1    |
| LC 120      | DEA306F223TL | FILTER                        | 1    |
| LC 140      | DEA306F223TL | FILTER                        | 1    |
| LC 300      | EXCEMT103DT  | FILTER                        | 1    |
| LC 500, 501 | EXCEMT101BT  | FILTER                        | 2    |
| LC 502-504  | DDB6Z017-F   | FERRITE BEAD                  | 3    |
| LC 520      | EXCEMT101BT  | FILTER                        | 1    |
| LC 521      | DDB6Z017-F   | FERRITE BEAD                  | 1    |
| LC 630, 631 | DEA306F223TL | FILTER                        | 2    |
| LC 640-648  | EXCEMT101BT  | FILTER                        | 9    |
| LC 649      | EXCEMT103DT  | FILTER                        | 1    |
| LC 650-657  | EXCEMT101BT  | FILTER                        | 8    |
| LD 630, 631 | DEDSL325MC3  | LED, CD ACCESS INDICATOR      | 2    |
| LD 632, 633 | DEDSL325VC3  | LED, READY INDICATOR          | 2    |
| Q 180, 181  | 2SC2412KT97R | TRANSISTOR                    | 2    |
| Q 184       | 2SC2412KT97R | TRANSISTOR                    | 1    |
| Q 260, 261  | DETA144TKT97 | TRANSISTOR, RESISTOR BUILT-IN | 2    |
| Q 262       | DETC114TKT97 | TRANSISTOR, RESISTOR BUILT-IN | 1    |
| Q 263       | DETA114EKT97 | TRANSISTOR, RESISTOR BUILT-IN | 1    |
| Q 264       | DETA144TKT97 | TRANSISTOR, RESISTOR BUILT-IN | 1    |
| Q 500, 501  | DETC363TKT47 | TRANSISTOR, RESISTOR BUILT-IN | 2    |
| Q 520       | DETC363TKT47 | TRANSISTOR, RESISTOR BUILT-IN | 1    |
| Q 630       | DETC114EKT97 | TRANSISTOR, RESISTOR BUILT-IN | 1    |
| R 1, 2      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100          | 2    |
| R 3         | ERC12UGK685C | RESISTOR, 1/2W, 6.8M          | 1    |
| R 31        | DBJ6GMJ562VE | RESISTOR, 1/10W, 5.6K         | 1    |
| R 32        | DBJ6GMJ153VE | RESISTOR, 1/10W, 15K          | 1    |
| R 51        | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K           | 1    |
| R 120       | DBJ6GMJ151VE | RESISTOR, 1/10W, 150          | 1    |
| R 121       | DBJ6GMJR00VE | JUMPER                        | 1    |
| R 122       | DBJ6GMJ222VE | RESISTOR, 1/10W, 2.2K         | 1    |
| R 123       | DBJ6GMJ470VE | RESISTOR, 1/10W, 47           | 1    |
| R 124       | DBJ6GMJ472VE | RESISTOR, 1/10W, 4.7K         | 1    |
| R 125       | DBJ6GMJ101VE | RESISTOR, 1/10W, 100          | 1    |
| R 126       | DBJ6GMJ472VE | RESISTOR, 1/10W, 4.7K         | 1    |
| R 127       | DBJ6GMJ101VE | RESISTOR, 1/10W, 100          | 1    |
| R 128, 129  | DBJ6GMJ680VE | RESISTOR, 1/10W, 68           | 2    |
| R 140       | DBJ6GMJ101VE | RESISTOR, 1/10W, 100          | 1    |
| R 142       | DBJ6GMJ105VE | RESISTOR, 1/10W, 1M           | 1    |
| R 143, 144  | DBJ6GMJ680VE | RESISTOR, 1/10W, 68           | 2    |
| R 145       | DBJ6GMJ470VE | RESISTOR, 1/10W, 47           | 1    |
| R 146, 147  | DBJ6GMJ101VE | RESISTOR, 1/10W, 100          | 2    |
| R 150       | DBJ6GMJ104VE | RESISTOR, 1/10W, 100K         | 1    |
| R 151       | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K           | 1    |
| R 152       | DBJ6GMJ750VE | RESISTOR, 1/10W, 75           | 1    |
| R 153, 154  | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K          | 2    |
| R 155       | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K           | 1    |

| REF.No.    | PART No.     | DESCRIPTION              | Q'TY |
|------------|--------------|--------------------------|------|
| R 156      | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K     | 1    |
| R 160      | ERJ6ENF9090V | RESISTOR, 1/10W, 909, 1% | 1    |
| R 161      | DBJ6GF4750VE | RESISTOR                 | 1    |
| R 162, 163 | DBJ6GMJ101VE | RESISTOR, 1/10W, 100     | 2    |
| R 165      | DBJ6GMJ472VE | RESISTOR, 1/10W, 4.7K    | 1    |
| R 166      | DBJ6GMJR00VE | JUMPER                   | 1    |
| R 170-172  | DBJ6GMJ750VE | RESISTOR, 1/10W, 75      | 3    |
| R 180      | DBJ6GMJ750VE | RESISTOR, 1/10W, 75      | 1    |
| R 181      | DBJ6GMJ123VE | RESISTOR, 1/10W, 12K     | 1    |
| R 182      | DBJ6GMJ332VE | RESISTOR, 1/10W, 3.3K    | 1    |
| R 183      | DBJ6GMJ471VE | RESISTOR, 1/10W, 470     | 1    |
| R 184, 185 | DBJ6GMJ221VE | RESISTOR, 1/10W, 220     | 1    |
| R 186      | DBJ6GMJ750VE | RESISTOR, 1/10W, 75      | 1    |
| R 202      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100     | 1    |
| R 220-223  | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K     | 4    |
| R 224      | DBJ6GMJ222VE | RESISTOR, 1/10W, 2.2K    | 1    |
| R 225      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100     | 1    |
| R 226      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 230-233  | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K     | 4    |
| R 234      | DBJ6GMJ222VE | RESISTOR, 1/10W, 2.2K    | 1    |
| R 235      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100     | 1    |
| R 236      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 240, 241 | DBJ6GMJ103VE | RESISTOR, 1/10W, 10K     | 2    |
| R 242, 243 | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 2    |
| R 244-247  | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K     | 4    |
| R 248      | DBJ6GMJ562VE | RESISTOR, 1/10W, 5.6K    | 1    |
| R 249      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100     | 1    |
| R 250      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 260      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 1    |
| R 270, 271 | DBJ6GMJ472VE | RESISTOR, 1/10W, 4.7K    | 2    |
| R 280      | DBJ6GMJ103VE | RESISTOR, 1/10W, 10K     | 1    |
| R 281      | DBJ6GMJ221VE | RESISTOR, 1/10W, 220     | 1    |
| R 282      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 283      | DBJ6GMJ103VE | RESISTOR, 1/10W, 10K     | 1    |
| R 284      | DBJ6GMJ221VE | RESISTOR, 1/10W, 220     | 1    |
| R 285      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 341      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 1    |
| R 400      | DBJ6GMJ471VE | RESISTOR, 1/10W, 470     | 1    |
| R 401      | DBJ6GMJ473VE | RESISTOR, 1/10W, 47K     | 1    |
| R 402      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 1    |
| R 500, 501 | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 2    |
| R 502      | DBJ6GMJ471VE | RESISTOR, 1/10W, 470     | 1    |
| R 520      | DBJ6GMJ122VE | RESISTOR, 1/10W, 1.2K    | 1    |
| R 521      | DBJ6GMJ222VE | RESISTOR, 1/10W, 2.2K    | 1    |
| R 522      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 1    |
| R 542      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K      | 1    |
| R 543      | DBJ6GMJ560VE | RESISTOR, 1/10W, 56      | 1    |
| R 544      | DBJ6GMJ151VE | RESISTOR, 1/10W, 150     | 1    |
| R 555      | DBJ6GMJ154VE | RESISTOR, 1/10W, 150K    | 1    |

| REF.No.                    | PART No.     | DESCRIPTION                       | Q'TY |
|----------------------------|--------------|-----------------------------------|------|
| R 600                      | DBJ6GMJ222VE | RESISTOR, 1/10W, 2.2K             | 1    |
| R 601                      | DBJ6GMJ392VE | RESISTOR, 1/10W, 3.9K             | 1    |
| R 602                      | DBJ6GMJ102VE | RESISTOR, 1/10W, 1K               | 1    |
| R 603                      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 1    |
| R 620                      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 1    |
| R 630                      | DBJ6GMJ470VE | RESISTOR, 1/10W, 47               | 1    |
| R 631                      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 1    |
| R 700-704                  | DBJ6GMJ330VE | RESISTOR, 1/10W, 33               | 5    |
| R 706                      | DBJ6GMJ223VE | RESISTOR, 1/10W, 22K              | 1    |
| R 903, 904                 | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 2    |
| RA 120                     | EXBV8V680JV  | RESISTOR ARRAY, 68                | 1    |
| RA 300-303                 | EXBV8V101JV  | RESISTOR ARRAY, 100               | 4    |
| RA 304-307                 | EXBV8V470JV  | RESISTOR ARRAY, 47                | 4    |
| RA 308-312                 | EXBV8V101JV  | RESISTOR ARRAY, 100               | 5    |
| RA 320-323                 | EXBV8V101JV  | RESISTOR ARRAY, 100               | 4    |
| RA 324-327                 | EXBV8V470JV  | RESISTOR ARRAY, 47                | 4    |
| RA 328-332                 | EXBV8V101JV  | RESISTOR ARRAY, 100               | 5    |
| RA 620, 621                | EXBV8V101JV  | RESISTOR ARRAY, 100               | 2    |
| RA 622, 623                | EXBV8V221JV  | RESISTOR ARRAY, 220               | 2    |
| RA 700-711                 | EXBV8V330JV  | RESISTOR ARRAY, 33                | 12   |
| RA 712                     | EXBV8V223JV  | RESISTOR ARRAY, 22K               | 1    |
| SW 51                      | ESB60517     | SWITCH, POWER ON/OFF              | 1    |
| SW 600                     | ESB60515     | SWITCH, DISC TRAY OPEN/CLOSE      | 1    |
| TM 1                       | EYF52BCL     | FUZE HOLDER                       | 1    |
| TM 2                       | EYF52BCR     | FUZE HOLDER                       | 1    |
| X 120                      | DECL50000P2W | OSCILATOR (50.00MHz)              | 1    |
| X 140                      | DECX25048H1U | CRYSTAL (25.0489MHz)              | 1    |
| X 200                      | DECX16934L1W | CRYSTAL (16.9344MHz)              | 1    |
| <b>CONTROLLER PORT PCB</b> |              |                                   |      |
| E 3                        | DL3U20649HAA | Ass'y, CONTROLLER PORT PCB        | 1    |
| C 900                      | DCUV1H102KBL | CAPACITOR, CERAMIC, CHIP, 1000pF  | 1    |
| C 901, 902                 | DCUV1H561KBL | CAPACITOR, CERAMIC, CHIP, 560pF   | 2    |
| C 903, 904                 | DCUV1H101KCL | CAPACITOR, CERAMIC, CHIP, 100pF   | 2    |
| CN 900                     | DFJP09E22ZAM | CONNECTOR, 9-PIN, CONTROLLER PORT | 1    |
| CN 901                     | DFJS10N12YAJ | CONNECTOR, 10-PIN, MAIN LOGIC PCB | 1    |
| L 900-902                  | DDB5Z016-Y   | FERRITE BEAD                      | 3    |
| LC 900                     | DEA306F223TL | FILTER                            | 1    |
| R 903                      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 1    |
| R 904                      | DBJ6GMJ101VE | RESISTOR, 1/10W, 100              | 1    |

| REF.No.                                                                               | PART No.     | DESCRIPTION             | Q'TY |
|---------------------------------------------------------------------------------------|--------------|-------------------------|------|
| <b>CD-ROM DRIVE</b>                                                                   |              |                         |      |
| E 4  | CR-560-BCD-4 | Ass'y, CD-ROM DRIVE     | 1    |
| E 4-2                                                                                 | LMXQ0114     | Ass'y, TRAY             | 1    |
| E 4-3                                                                                 | LMXA0116     | Ass'y, HOLDER BEAM      | 1    |
| E 4-4                                                                                 | LMMA0155     | BEAM                    | 2    |
| E 4-5                                                                                 | LMEP0306A    | Ass'y, CD-ROM DRIVE PCB | 1    |
| E 4-6                                                                                 | XSS3+6       | SCREW                   | 4    |
| E 4-7                                                                                 | XTN26+8G     | SCREW                   | 5    |
| E 4-8                                                                                 | LMDP0013     | LOADING PULLEY          | 1    |
| E 4-9                                                                                 | LMDV0004     | LOADING BELT            | 1    |
| E 4-10                                                                                | VMXS0336     | WASHER                  | 1    |
| E 4-11                                                                                | LMMB00771    | S.L.SPRING              | 1    |
| E 4-13                                                                                | XQN17+CQ8    | SCREW                   | 1    |
| E 4-15                                                                                | LMMK0027     | FRAME                   | 1    |
| E 4-17                                                                                | XYC26+JF8    | SCREW                   | 5    |
| E 4-21                                                                                | LMXK0153A    | Ass'y, MECHA. CHASSIS   | 1    |
| E 4-22                                                                                | LMXY00473    | Ass'y, TRAVERSE BASE    | 1    |
| E 4-23                                                                                | LMML00432    | SLIDE LEVER1            | 1    |
| E 4-24                                                                                | LMML0044     | SLIDE LEVER2            | 1    |
| E 4-26                                                                                | LMXG0026     | Ass'y, LOAD GEAR        | 1    |
| E 4-27                                                                                | LMES0026     | Ass'y, OPEN SW          | 1    |
|                                                                                       |              |                         |      |