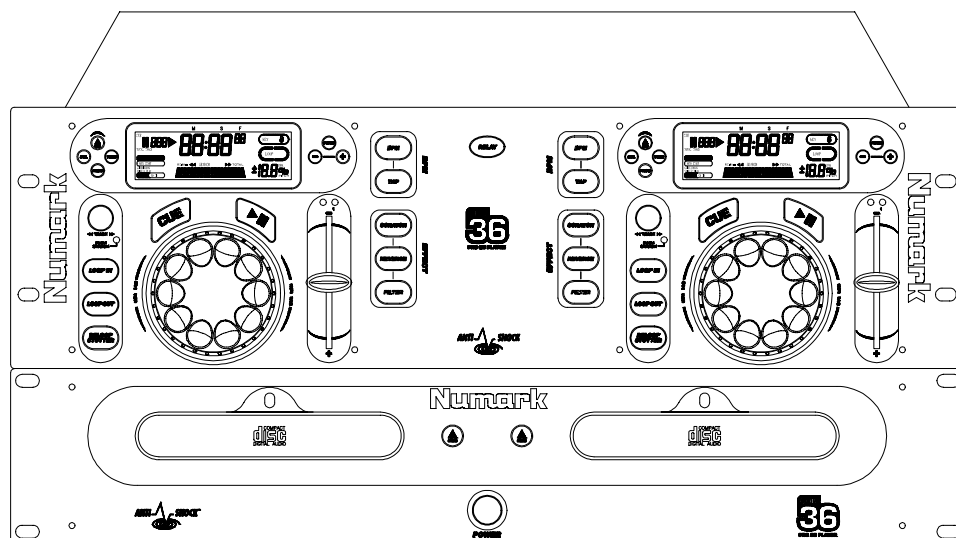


SERVICE MANUAL

MODEL: CDN 36



SPECIFICATION

AUDIO CHARACTERISTIC

FREQUENCY RESPONSE..... 20Hz~20KHz $\pm$ 2dB.
HARMONIC DISTORTION LESS THAN 0.03%
S/N RATIO MORE THAN 70dB
DYNAMIC RANGE MORE THAN 80dB
CHANNEL SEPARATION..... MORE THAN 70dB
OUTPUT LEVEL..... 2.0V $\pm$ 0.2V(1KHZ 0 dB)
CHANNEL BALANCE $\pm$ 1 Db

FUNCTION

TRACK SKIP SELECTION.....THERE BUTTONS ARE USED TO SELECT
THE TRACK/PUSH SEARCH LED ON IS
SEARCH SELECTION
OPEN/CLOSE.....DISC TRAY OPEN/CLOSE
CUE.....BACK TO MEMORY POINT
TIME.....EACH ELAPSED, EACH REMAIN,TOTAL REMAIN
PTICH SECTION.....PITCH CONTROL $\pm$ 8%, $\pm$ 16%
PTICH BEND..... $\pm$ 8%, $\pm$ 16% SPEED CONTROL
PTICH CONTROL.....SLIDE VR WILL CONTROL PITCH $\pm$ 8%, $\pm$ 16%
PLAY/PAUSE.....PLAY THE DISC OR PAUSE THE DISC
MUSIC BARANALOGICALLY DISPLAY THE REMAINING
TIME OF THE PLAYING TRACK
JOG WHEEL.....PAUSE $\rightarrow$ THE JOG WHEEL WILL ACT A SLOW
FRAME SEARCH CONTROL
PLAY $\rightarrow$ THE JOG WHEEL WILL ACT A PITCH
BEND $\pm$ 16%
SGL.....ALL REPEAT THE DISC/ONLY PLAY ONE TRACK
TAP/BPM.....COUNTER BUTTON/CHANGE PITCH OR BPM OF
THE DISPLAY
PITCH DISPLAY.....DISPLAY PITCH CONTROL VALUE
RELAYAUTOMATIC PLAY FUNCTION
LOOP INUSED FOR SETTING A START LOOP POINT AND
NEW CUE POINTS DURING PLAY
LOOP OUT USED FOR SETTING THE END LOOP POINT AND
RELEASING THE LOOP ACTION
RELOOP/STUTTER.....DEPENDING ON MODE,AS EXPLANINED FURTHER,
THIS BUTTON IS USED FOR EITHER REPEATING A
PREVIOUSLY SET LOOP OR SEAMLESSLY STUTTERING
ON THE LAST SET CUE POINT
SCRATCH.....THIS EFFECT MAKES IT POSSIBLE FOR THE WHEEL TO
SCRATCH THE MUSIC WHILE IT IS PLAYING
REVERSE.....THIS ACTUALLY PLAYS THE MUSIC BACKWARDS
FILTER.....THIS FILTER LETS YOU PLAY SMALL FREQUENCIES OF THE MUSIC

DIGITAL SIGNAL PROCESSING

OPTICAL PICK UP3-BEAM LASER
SAMPLING FREQUENCY44.1KHz
D/A CONVERSION.....16 BITS LINEAR
OVERSAMPLING RATE8 TIME
ERROR CORRECTION.....CIRE
TRACK SELECTION1 TO 99 TRACK
ANTI SHOCK10 SECONDS

GENERAL

POWER SOURCE (1) US: AC 115/230V~60/50Hz
(2) EURO: AC 115/230V~60/50Hz
(3) UK: AC 115/230V~60/50Hz
(4) AUS.NZ AC 240V~50Hz
(5) IRAM: AC 220V~50Hz
(6) KOREA: AC220V~60Hz
(7) JAPAN: AC100V~50Hz
POWER CONSUMPTION..... 24W

DIMENSION(W*H*D)

PLAYER UNIT.....482*88.5*257(MM)
REMOTE UNIT482*132*38(MM)

WEIGHT

PLAYER UNIT5.6KGS
REMOTE UNIT2.1KGS

DISASSEMBLY PROCEDURES

1.REMOVAL OF TOP COVER (Fig1)

- (A) TAKE OUT THE 6PCS SCREW FROM WHICH THE CABINET FRONT IS MOUNTED IN PLACE.

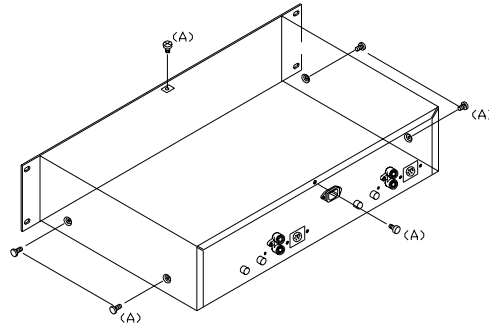


Fig.1

2. REMOVAL OF DECK FRONT PANEL (Fig2)

- (A) (1).PUSH POWER KEY,OF ON MODE
(2).PUSH OPEN/CLOSE KEY,TRAY OPEN
(3).REMOVAL OF DECK FRONT PANEL
2 P.C.S
(4).PUSH OPEN/CLOSE KEY, TRAY CLOSE
(5).PUSH POWER KEY,OF OFF MODE

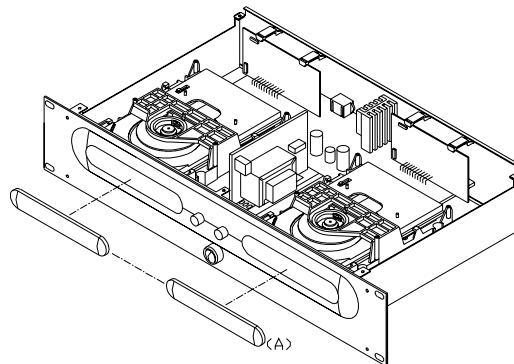


Fig.2

3. REMOVAL OF FRONT PANEL AND TRANSFORMER PCB (Fig3)

- (A).REMOVAL OF FRONT PANEL
TAKE OUT THE 5PCS SCREW
(B).REMOVAL THE 1PC CONNECTOR
ON THE MAIN PCB (TE702)
(C).REMOVAL THE 4PCS CONNECTOR
ON THE TRANSFORMER P.C.B(TE
901,902,903) AND MAIN P.C.B(TE901)
(D).REMOVAL THE TRANSFORMER
TAKE OUT THE 4PCS SCREW

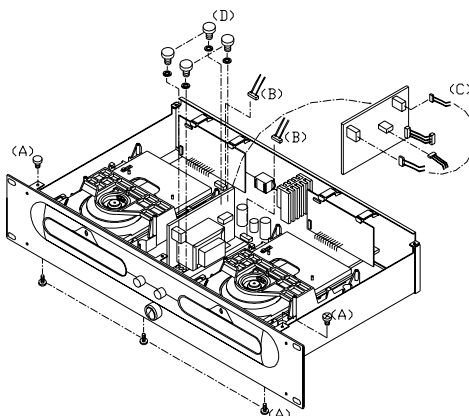


Fig.3

DISASSEMBLY PROCEDURES

4.REMOVAL OF CD MECHANISM AND SERVO PCB CONNECTOR (Fig.4)

- (A.) REMOVAL THE 4 PCS CONNECTOR ON THE TRANSFORMER PCB.(TE1.2)
- (B.) REMOVAL THE 2PCS CONNECTOR ON THE MAIN PCB (TE701.801)
- (C.) REMOVAL THE 8 PCS SCREWS ON THE CD MECHANISM

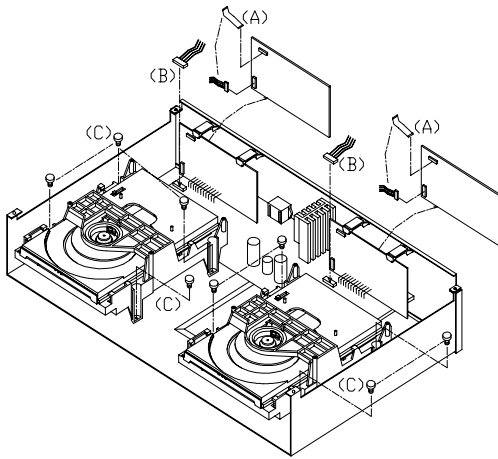


Fig.4

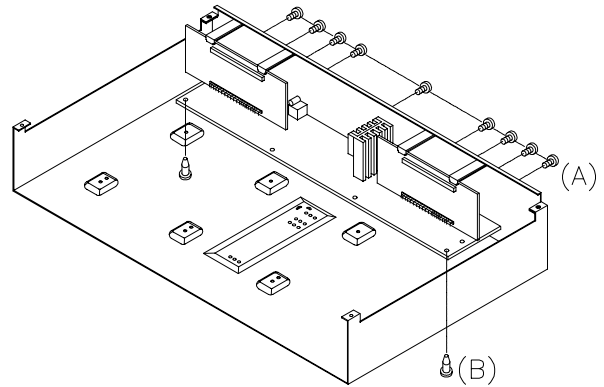


Fig.5

5..REMOVAL OF MAIN P.C.B (Fig5)

- (A.) REMOVAL THE 7 PCS SCREW ON THE RCA JACK AND 8P DIN CONNECTOR AND HEAT SINK
- (B.) DEPART THE MAIN PCB FROM THE 2PCS HOLDER

6.REMOVAL OF CONTROL PCB (Fig.6)

- (A.) REMOVAL THE 8PCS SCREW ON THE CONTROL COVER
- (B.) REMOVAL THE 1PC CONNECTOR ON THE IC
- (C.) REMOVAL THE 22PCS SCREW ON THE FRONT PANEL AND 4PCS SCREW ON THE LCD P.C.B
- (D.) REMOVAL THE 2PCS VR KNOB ON THE FRONT PANEL

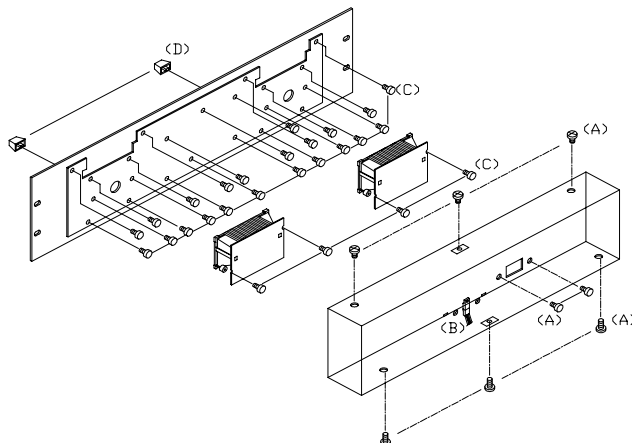
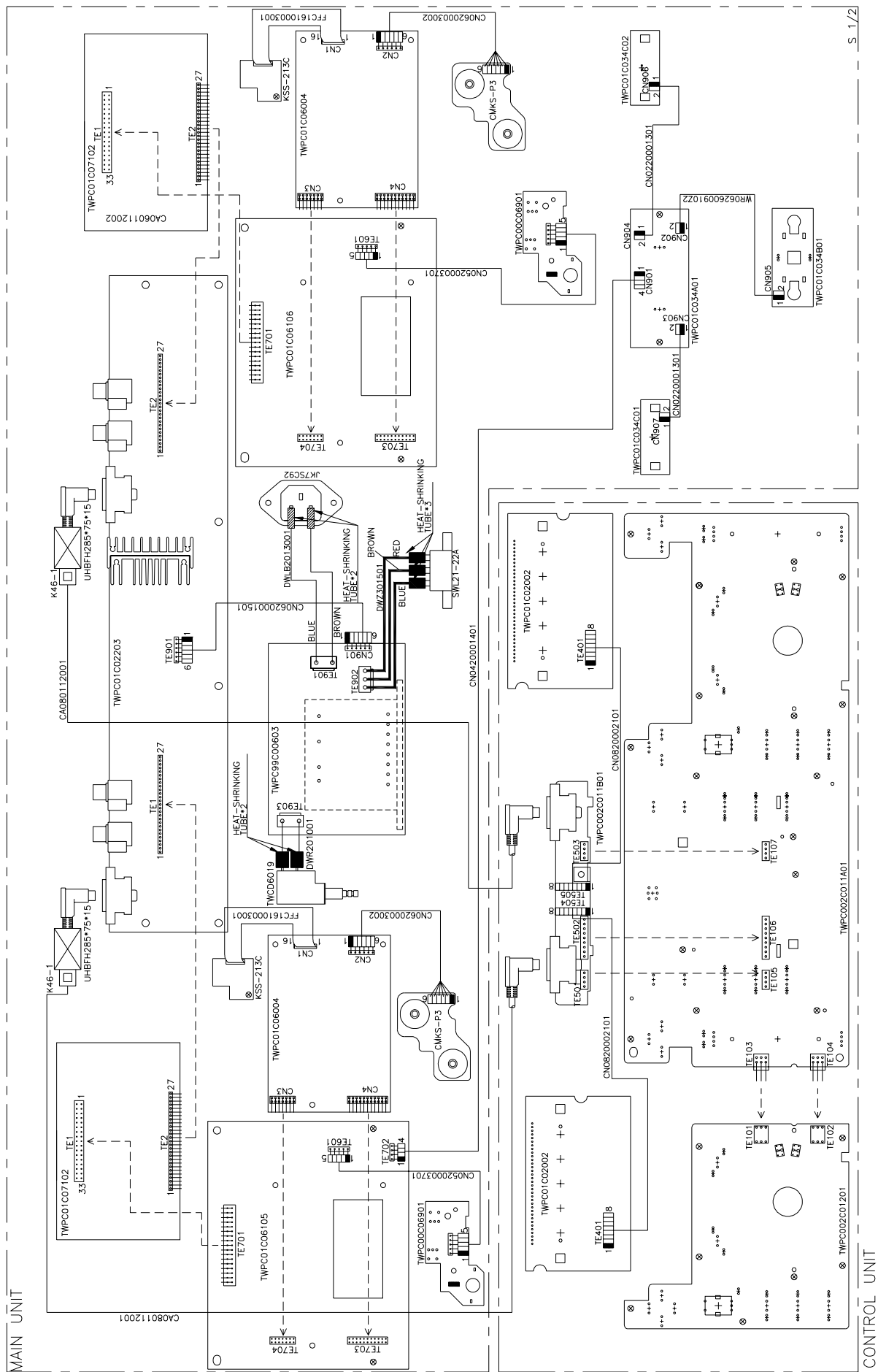


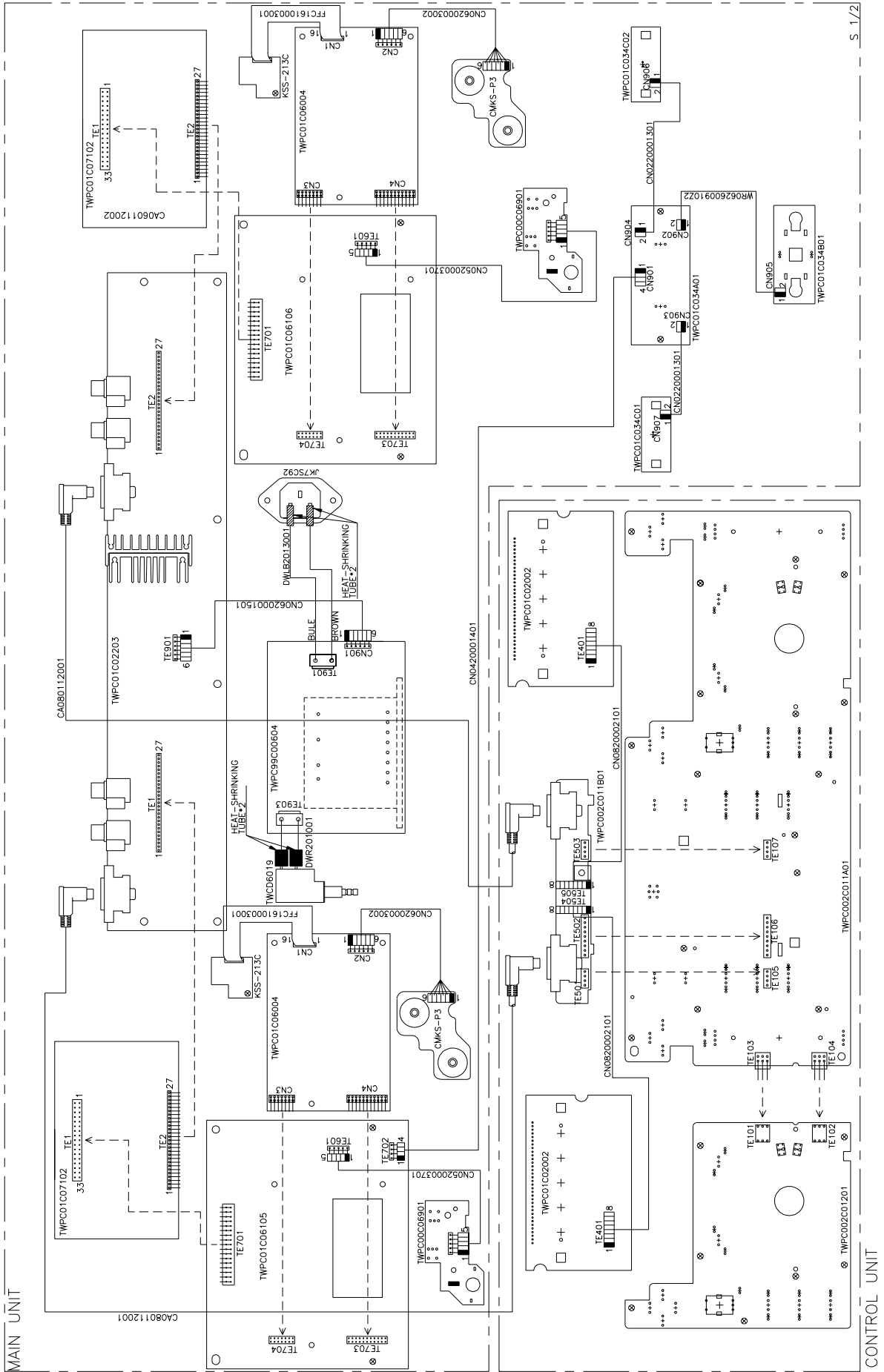
Fig.6

WIRING DRAWING
~~~~~  
*(USA/EURO/UK)*



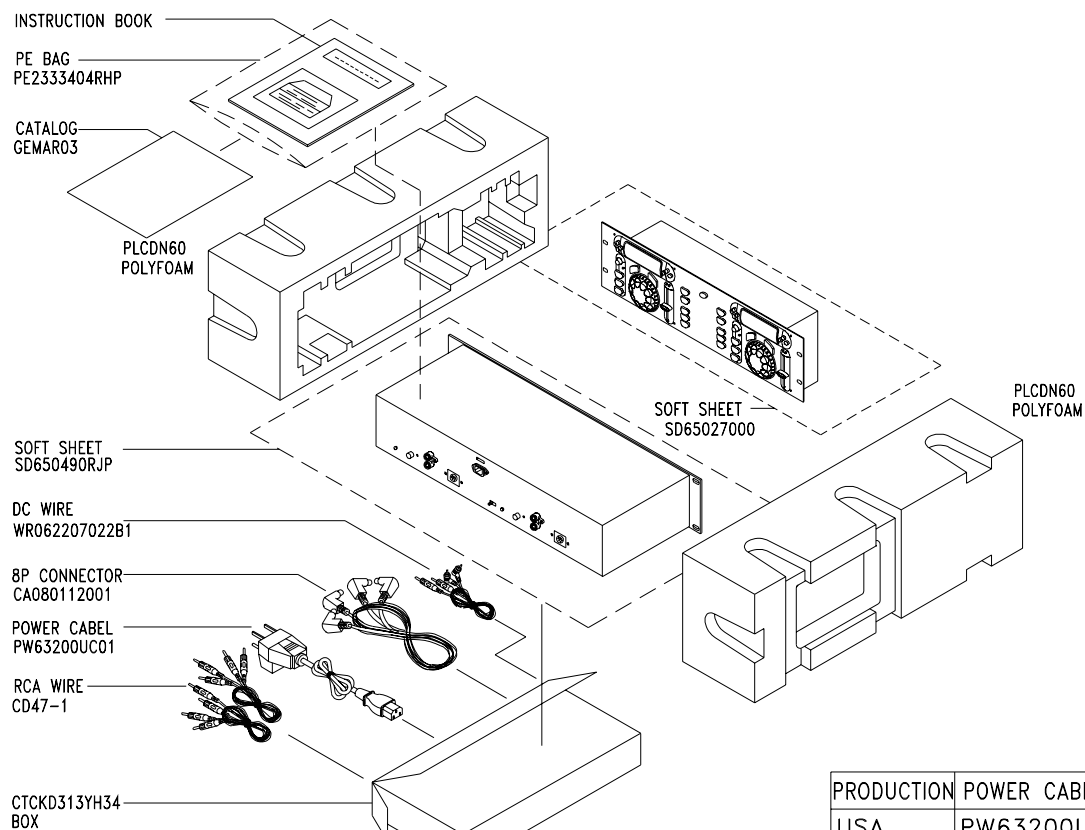


*~~~~~*  
*WIRING DRAWING*  
*~~~~~*  
*(TRAM/KOREA)*

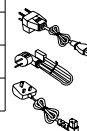


# PACKING DRAWING

## (USA/EURO/UK)

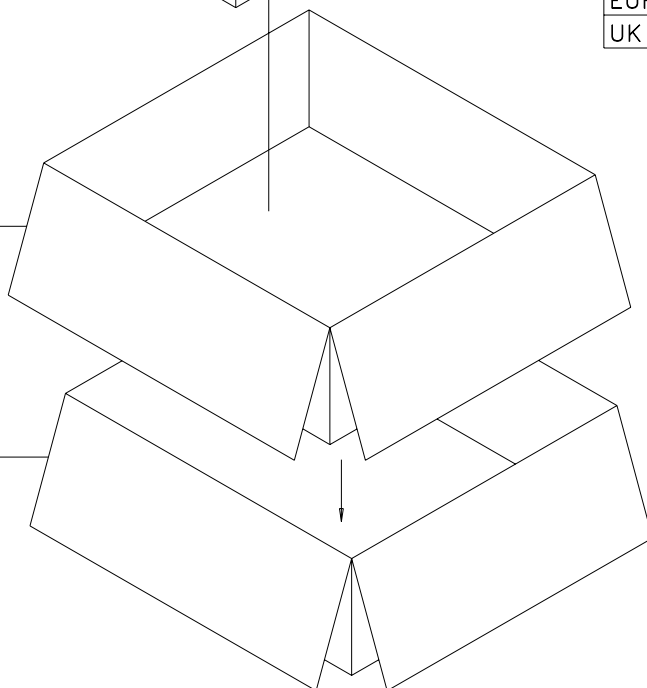


| PRODUCTION | POWER CABLE NO. |
|------------|-----------------|
| USA        | PW63200UC01     |
| EURO       | UP301-104       |
| UK         | PW53200UK03     |



INNER BOX

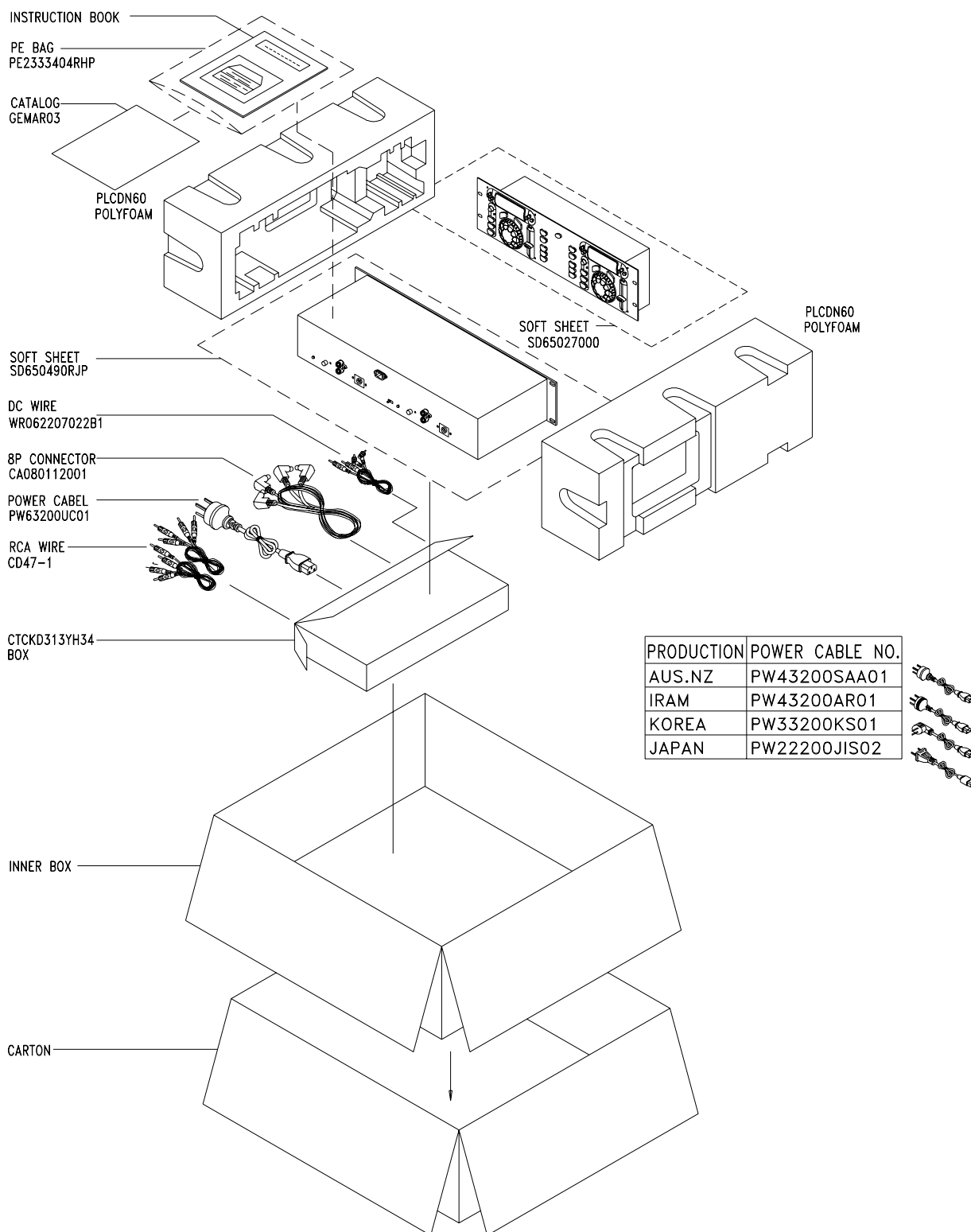
CARTON



# PACKING DRAWING

~~~~~

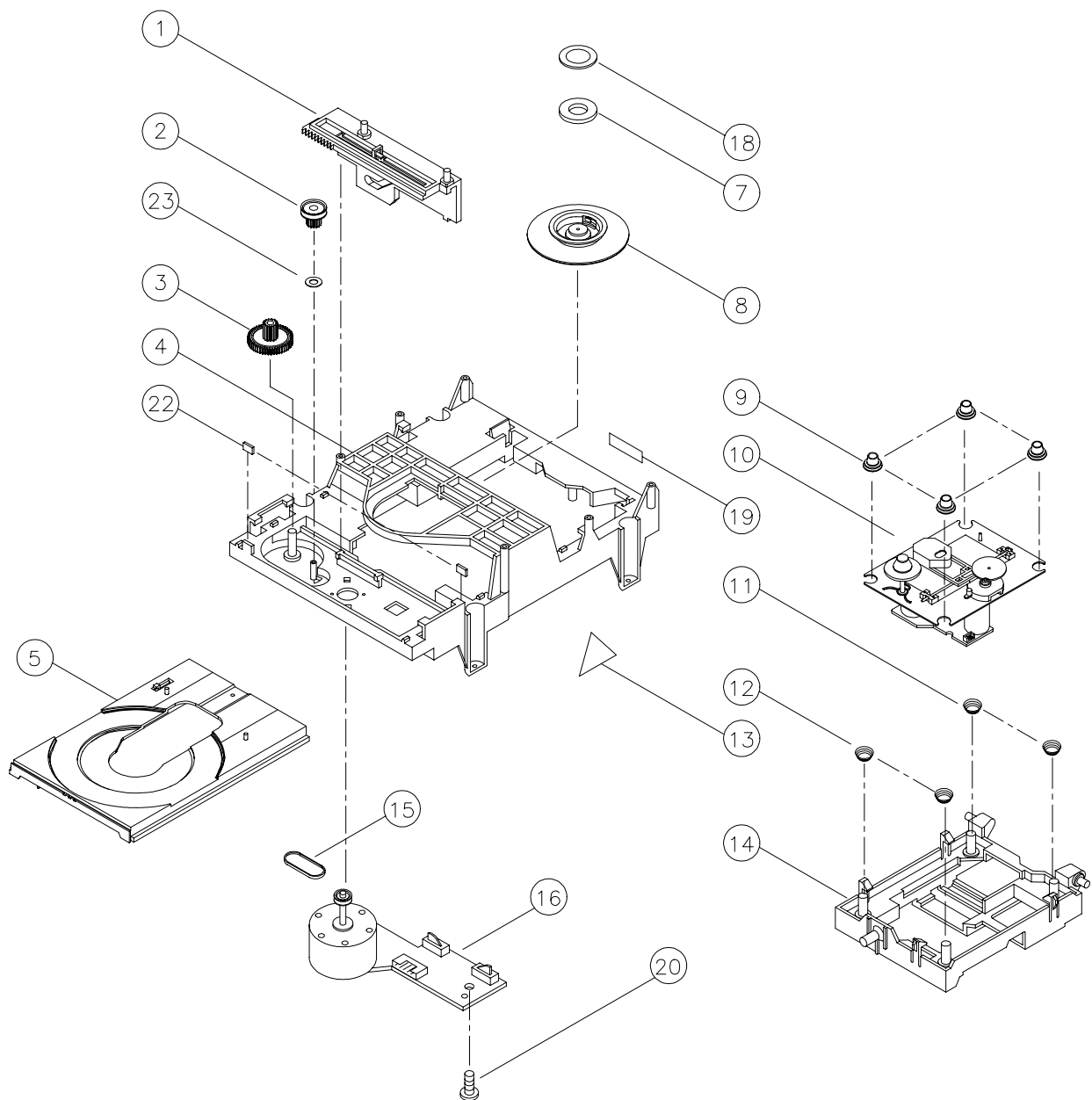
(AUS.NZ/IRAM/KOREA/JAPAN)



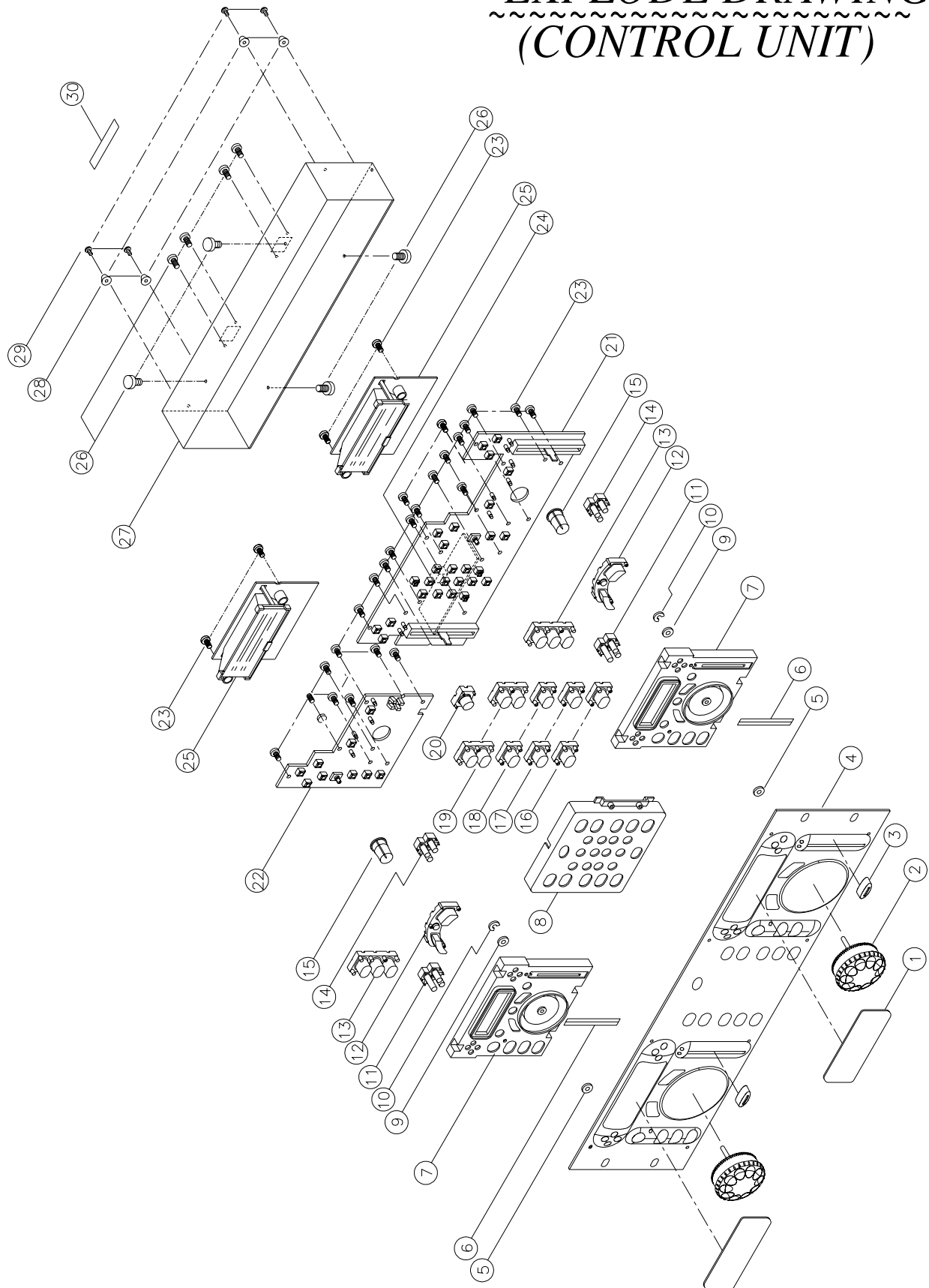
EXPLODE DRAWING

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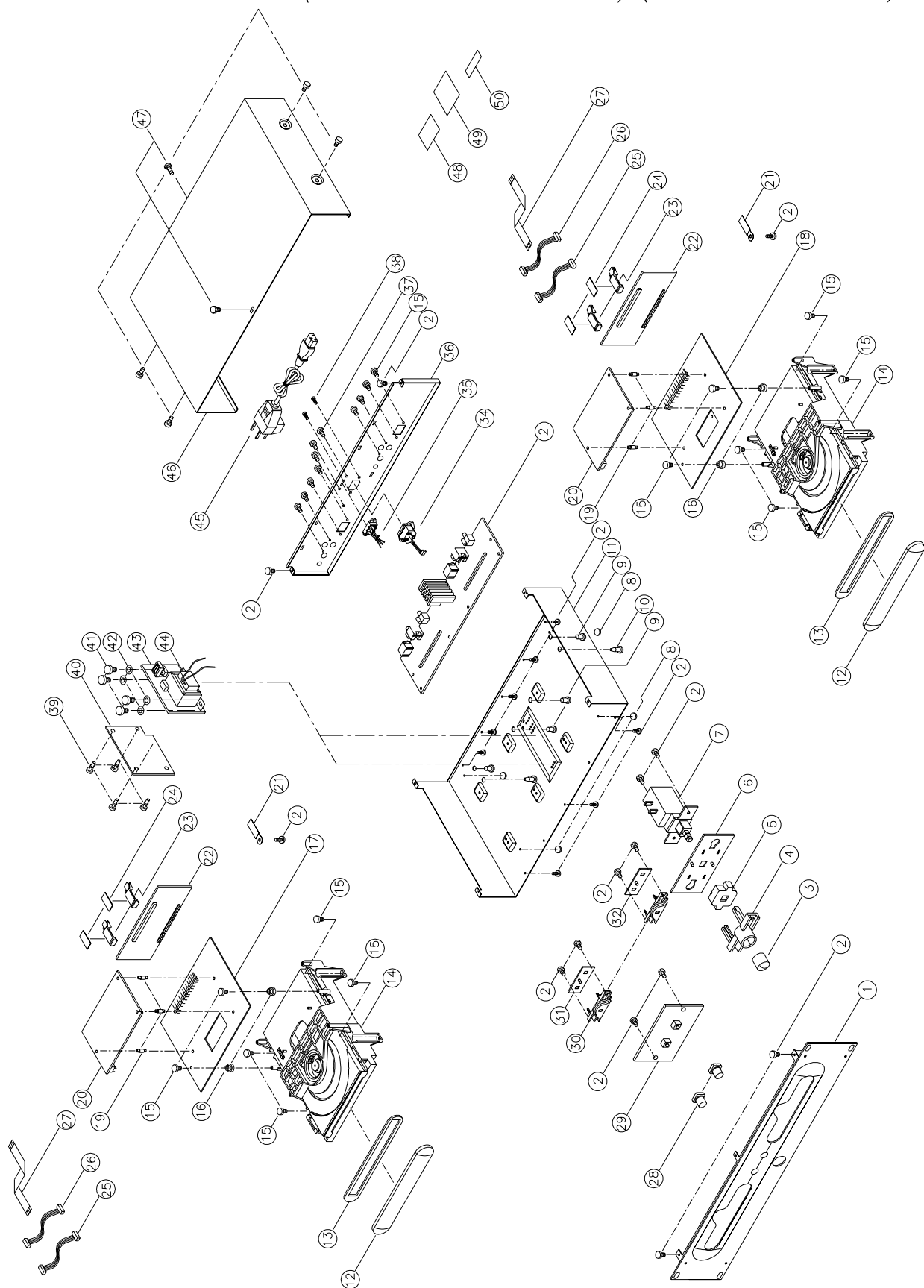
## *(CM-H90)*



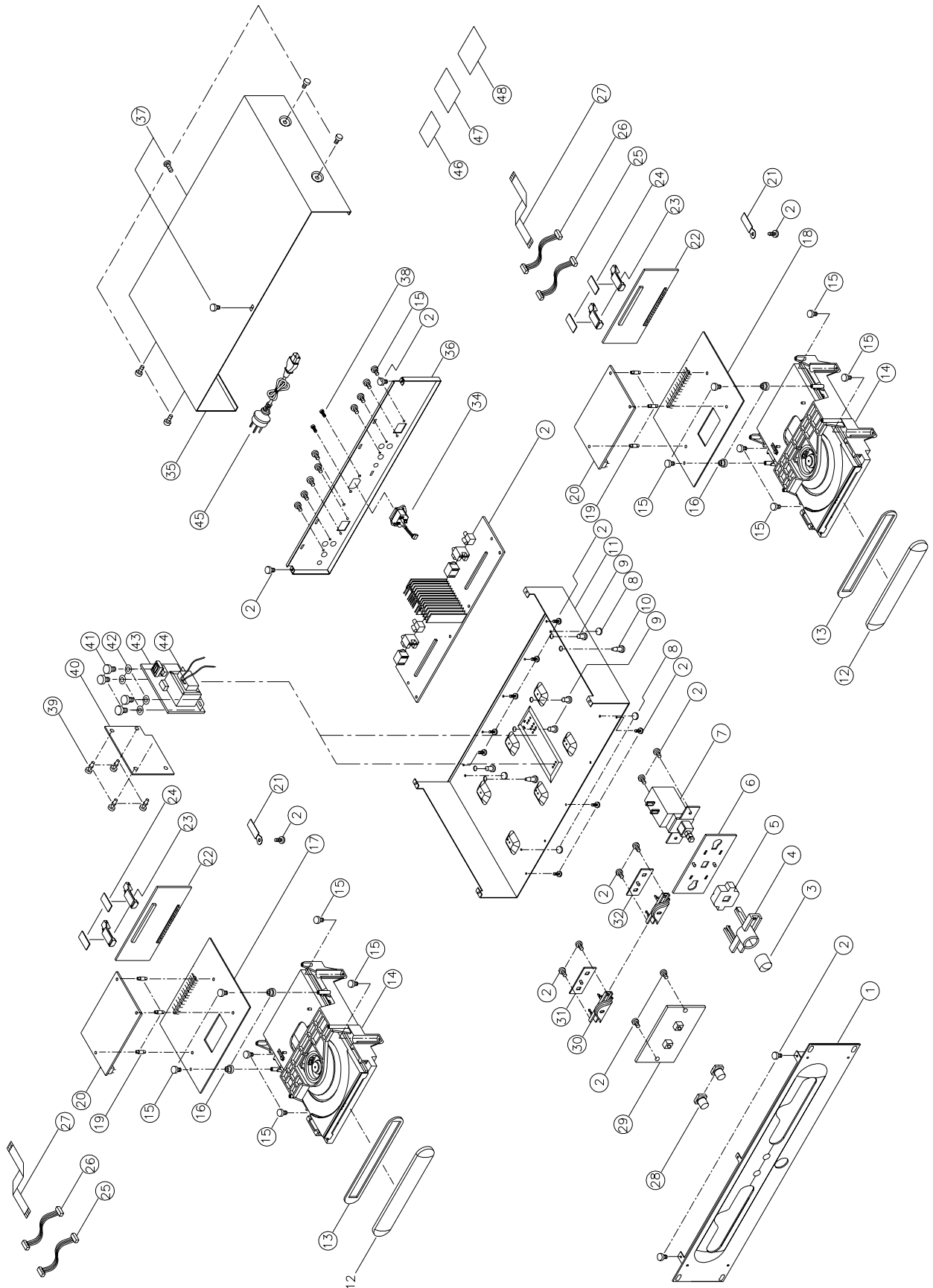
# EXPLODE DRAWING ~~~~~ (CONTROL UNIT)



# EXPLODE DRAWING (USA/EURO/UK) (MAIN UNIT)



*EXPLODE DRAWING*  
*~~~~~*  
*(AUS.NZ/IRAM/KOREA/JAPAN)*  
*(MAIN UNIT)*



## CM-H90 BOM

[illegible]

## CDN 36 BOM

| LEVEL | P/N           | DESCRIPTION             | QTY   | REF          |                  |                 |
|-------|---------------|-------------------------|-------|--------------|------------------|-----------------|
|       |               |                         |       | CONTROL UNIT | 01-03 MAIN UNIT  | 04-07 MAIN UNIT |
| 1     | BAAR-055      | PAD                     | 4     |              | 8                | 8               |
| 1     | BAGL-40A      | CLIP                    | 2     |              | 21               | 21              |
| 1     | BAPPBS-8      | PCB HOLDER              | 6     |              | 19               |                 |
| 1     | BASW06004     | SHOULDER WASHER         | 4     |              | 16               | 16              |
| 1     | CA080112001   | CONNECTOR               | 2     |              |                  |                 |
| 1     | CD47-1        | PHONO CORD              | 2     |              |                  |                 |
| 1     | CL13001       | WIRE TIE                | 0.008 |              |                  |                 |
| 1     | CM-H90        | CD MECHANISM            | 2     |              | 14               | 14              |
| 1     | CN0520003701  | 5P CONNECTOR            | 2     |              | 25               | 25              |
| 1     | CN0620003002  | 6P CONNECTOR            | 2     |              | 26               | 26              |
| 1     | ERE73         | 3MM E RING              | 2     | 10           |                  |                 |
| 1     | EVA0604401    | EVA                     | 4     |              | 24               | 24              |
| 1     | EVA0604403    | EVA                     | 2     |              | 13               | 13              |
| 1     | FFC1610003001 | CONNECTOR               | 2     |              | 27               | 27              |
| 1     | FW104210IZ    | WASHER                  | 2     | 5            |                  |                 |
| 1     | FW134205IZ    | WASHER                  | 2     | 9            |                  |                 |
| 1     | K46-1         | CABLE TIE               | 5     |              |                  |                 |
| 1     | LAC22MAR28    | S/N BAR CODE LABEL      | 1     | 30           | 49               | 46              |
| 1     | LAC47YH211    | INSTRUCTION LABEL       | 1     |              | 50               | 47              |
| 1     | LAC57MAR84    | LABEL                   | 2     |              |                  |                 |
| 1     | LAC62MAR66    | BAR CODE LABLE          | 2     |              |                  |                 |
| 1     | LA45YH208     | LABEL                   | 2     |              |                  |                 |
| 1     | LA62GMN37     | LABEL                   | 1     |              | 48               |                 |
| 1     | MT0130107     | DUST COVER              | 1     |              | 46               | 35              |
| 1     | MT062043301   | REAR COVER              | 1     | 27           |                  |                 |
| 1     | MT062043401   | REAR PANEL              | 1     |              | 36 FOR USA,EU,UK |                 |
| 1     | MT0630028104  | FRONT PANEL PRINTING    | 1     |              | 1                | 1               |
| 1     | MT0630044101  | FRONT PANEL PRINTING    | 1     | 4            |                  |                 |
| 1     | MT0630317     | BOTTOM CHASSIS          | 1     |              | 11               | 11              |
| 1     | NM0606113     | FELT MAT                | 2     | 6            |                  |                 |
| 1     | NP206MAR01    | STAND SASH              | 2     | 1            |                  |                 |
| 1     | PCDN36MAR01   | PACK                    | 1     |              |                  |                 |
| 2     | CG36513MAR01  | INNER CARTON            | 1     |              |                  |                 |
| 2     | CTCKD313YH34  | CABLE BOX               | 1     |              |                  |                 |
| 2     | CT36513MAR01  | OUTER CARTON            | 1     |              |                  |                 |
| 2     | OPCDN36MAR01  | OPERATION MANUAL        | 1     |              |                  |                 |
| 2     | PE2333404RHP  | POLY BAG                | 0.007 |              |                  |                 |
| 2     | PLCDN60       | POLY FOAM               | 1     |              |                  |                 |
| 2     | SD65027000    | SOFT SHEET              | 1     |              |                  |                 |
| 2     | SD650490RJP   | SOFT SHEET              | 1     |              |                  |                 |
| 1     | PT0603201     | HOLDER                  | 2     |              | 10               | 10              |
| 1     | PT0603202     | HOLDER                  | 4     |              | 9                | 9               |
| 1     | PT0603204     | PLASTIC PROTECTOR PLATE | 4     |              | 39               | 39              |
| 1     | PT0604405     | FIXED HOLDER            | 4     |              | 23               | 23              |
| 1     | PT0604423     | HOLDER                  | 1     |              | 4                | 4               |
| 1     | PT060442401   | FIXED HOLDER            | 2     |              | 30               | 30              |
| 1     | PT0604425     | PCB HOLDER              | 2     | 7            |                  |                 |
| 1     | PT0604428     | FIXED HOLDER            | 1     | 8            |                  |                 |
| 1     | PT0604706     | PROTECTOR PLATE         | 1     |              | 40               | 40              |
| 1     | PT0610606     | PCB HOLDER              | 2     | 3            |                  |                 |
| 1     | PT0610607     | KNOB                    | 2     | 15           |                  |                 |
| 1     | PT061072001   | ROTATE KNOB             | 2     | 2            |                  |                 |
| 1     | PT0610721     | KNOB                    | 1     |              | 3                | 3               |
| 1     | PT070290201   | TRAY PANEL              | 2     |              | 12               | 12              |
| 1     | PW63200UC01   | POWER SUPPLY CORD       | 1     |              | 45 FOR USA       |                 |
| 1     | RU0130603     | DUST COVER              | 4     | 28           |                  |                 |
| 1     | RU061063104   | RUBBER KNOB             | 2     | 11           |                  |                 |
| 1     | RU061063105   | RUBBER KNOB             | 2     | 14           |                  |                 |
| 1     | RU061063202   | RUBBER KNOB             | 2     | 13           |                  |                 |
| 1     | RU061063401   | RUBBER KNOB             | 2     |              | 28               | 28              |
| 1     | RU0610636     | RUBBER KNOB             | 1     |              | 5                | 5               |
| 1     | RU061064502   | RUBBER KNOB             | 1     | 20           |                  |                 |
| 1     | RU061065402   | RUBBER KNOB             | 2     | 12           |                  |                 |

|   |                |                      |    |                                                                 |           |                     |
|---|----------------|----------------------|----|-----------------------------------------------------------------|-----------|---------------------|
| 1 | RU061067601    | RUBBER KNOB          | 2  | 18                                                              |           |                     |
| 1 | RU061067602    | RUBBER KNOB          | 2  | 17                                                              |           |                     |
| 1 | RU061067603    | RUBBER KNOB          | 2  | 16                                                              |           |                     |
| 1 | RU061067701    | RUBBER KNOB          | 2  | 19                                                              |           |                     |
| 1 | SC0306PBB1     | SCREW                | 14 | 26x8PCS                                                         | 47x6PCS   | 37x6PCS             |
| 1 | SC0306RBZ1     | SCREW                | 22 |                                                                 | 2x22PCS   | 2x22PCS             |
| 1 | SC0308FBB1     | SCREW                | 2  |                                                                 | 38        | 38x2PCS             |
| 1 | SC0308RBZ1     | SCREW                | 48 | 23x27PCS                                                        | 15x20PCS  | 15x20PCS            |
| 1 | SC0308RIZ1     | SCREW                | 2  |                                                                 | 37        |                     |
| 1 | SC0310WBZ1     | SCREW                | 4  | 29                                                              |           |                     |
| 1 | SC3508RBZ1     | SCREW                | 4  |                                                                 | 41        | 41                  |
| 1 | TF57022602YH   | TRANSFORMER          | 1  |                                                                 | 44        |                     |
| 1 | WR062207022BI  | DC WIRE              | 2  |                                                                 |           |                     |
| 1 | WS070409IZ     | WASHER               | 4  |                                                                 | 42        | 42                  |
| 1 | UP301-104      | POWER CABEL          | 1  |                                                                 | 45 FOR EU |                     |
| 1 | PW53200UK03    | POWER CABEL          | 1  |                                                                 | 45 FOR UK |                     |
| 1 | MT062043901    | REAR PANEL           | 1  |                                                                 |           | 36                  |
| 1 | TF57022001YH   | TRANSFORMER          | 1  |                                                                 |           | 44 FOR AUS,NZ/JAPAN |
| 1 | TF57022501YH   | TRANSFORMER          | 1  |                                                                 |           | 44FOR IRAM/KOREA    |
| 1 | PW43200SAA01   | POWER CABEL          | 1  |                                                                 |           | 45 FOR AUS,NZ       |
| 1 | PW43200AR01    | POWER CABEL          | 1  |                                                                 |           | 45 FOR IRAM         |
| 1 | PW33200KS01    | POWER CABEL          | 1  |                                                                 |           | 45 FOR KOREA        |
| 1 | PW22200JIS02   | POWER CABEL          | 1  |                                                                 |           | 45 FOR JAAPAN       |
| 1 | LAC14MAR57     | VOLTAGE LABEL        | 1  |                                                                 |           | 48 FOR AUS,NZ       |
| 1 | LAC14MAR58     | VOLTAGE LABEL        | 1  |                                                                 |           | 48 FOR IRAM         |
| 1 | LAC14MAR59     | VOLTAGE LABEL        | 1  |                                                                 |           | 48 FOR KOREA        |
| 1 | LAC14MAR60     | VOLTAGE LABEL        | 1  |                                                                 |           | 48 FOR JAPAN        |
|   |                |                      |    |                                                                 |           |                     |
|   |                |                      |    |                                                                 |           |                     |
|   |                |                      |    |                                                                 |           |                     |
| 1 | TWPC99C00603   | POWER PCB ASSY CDN36 |    |                                                                 |           |                     |
| 2 | CN0620001501   | 6P CONNECTOR (150mm) | 1  | CN901                                                           |           |                     |
| 2 | PC99C006       | POWER PCB            | 1  |                                                                 |           |                     |
| 2 | TE617920201    | 2P AC CONNECTOR      | 2  | TE901,TE903                                                     |           |                     |
| 2 | TE617920301    | 3P AC CONNECTOR      | 1  | TE902                                                           |           |                     |
| 2 | TE812000611    | 6P CONNECTOR         | 1  | (CN901)                                                         |           |                     |
| 2 | UHRA0415T-15UH | CHOKE COIL (15UH)    | 2  | UH901,UH92                                                      |           |                     |
|   |                |                      |    |                                                                 |           |                     |
| 1 | TWPC01C02002   | LCD PCB ASSY CDN36   |    |                                                                 |           |                     |
| 2 | CN0820002101   | 8P CONNECTOR (210mm) | 1  | TE401                                                           |           |                     |
| 2 | CS104Z2505Y5V  | CERAMIC 0.1UFZ       | 1  | C415                                                            |           |                     |
| 2 | EC10550T       | ELECT 1UF/50V        | 1  | C414                                                            |           |                     |
| 2 | EC47625T       | ELECT 47UF/25V       | 1  | C413                                                            |           |                     |
| 2 | ICBU9728AKV    | IC BU9728AKV         | 1  | IC402                                                           |           |                     |
| 2 | JW5206T        | JUMP WIRE            | 12 | J1~J12                                                          |           |                     |
| 2 | LCD-SH302ENV-W | LCD                  | 1  | LCD401                                                          |           |                     |
| 2 | LM201500701    | LAMP                 | 5  | LAMP401~LAMP405                                                 |           |                     |
| 2 | NP506MAR02     | LCD PVC              | 1  | (LCD401)                                                        |           |                     |
| 2 | PC01C020       | LCD PCB              | 1  |                                                                 |           |                     |
| 2 | PT0610108      | LCD PLASTIC          | 1  | (LCD401)                                                        |           |                     |
| 2 | RS10218J05     | RESISTOR 1K (SMD)    | 4  | R439,R440,R441,R442                                             |           |                     |
| 2 | RS10318J05     | RESISTOR 10K (SMD)   | 1  | R444                                                            |           |                     |
| 2 | RS47118J05     | RESISTOR 470Ω (SMD)  | 1  | R445                                                            |           |                     |
| 2 | RS47418J05     | RESISTOR 470K (SMD)  | 1  | R438                                                            |           |                     |
| 2 | TE812000811    | 8P CONNECTOR         | 1  | (TE401)                                                         |           |                     |
|   |                |                      |    |                                                                 |           |                     |
| 1 | TWPC01C02203   | MAIN PCB ASSY CDN36  |    |                                                                 |           |                     |
| 2 | CC020050T      | CERAMIC 2P           | 2  | C501,C507                                                       |           |                     |
| 2 | CC10250T       | CERAMIC 1000P        | 4  | C701,C702,C703,C704                                             |           |                     |
| 2 | CC10350T       | CERAMIC 0.01UF       | 2  | C502,C508                                                       |           |                     |
| 2 | CC10450T       | CERAMIC 0.1UF        | 16 | C1,C2,C3,C4,C5,C6,C7,C8,C401,C402,C504,C505,C510,C511,C904,C911 |           |                     |
| 2 | CC75150T       | CERAMIC 750P         | 4  | C303,C309,C315,C321                                             |           |                     |
| 2 | CC82050T       | CERAMIC 82P          | 2  | C506,C512                                                       |           |                     |
| 2 | DB005          | DIODE                | 1  | D901                                                            |           |                     |
| 2 | DIN4002        | DIODE                | 2  | D902,D903                                                       |           |                     |
| 2 | DIZDMTZJ68CT   | DIODE (6.8C)         | 1  | ZD902                                                           |           |                     |
| 2 | DIZDMTZJ91BT   | DIODE (9.1B)         | 1  | ZD901                                                           |           |                     |
| 2 | D132T          | DIODE                | 4  | D801,D802,D803,D804                                             |           |                     |

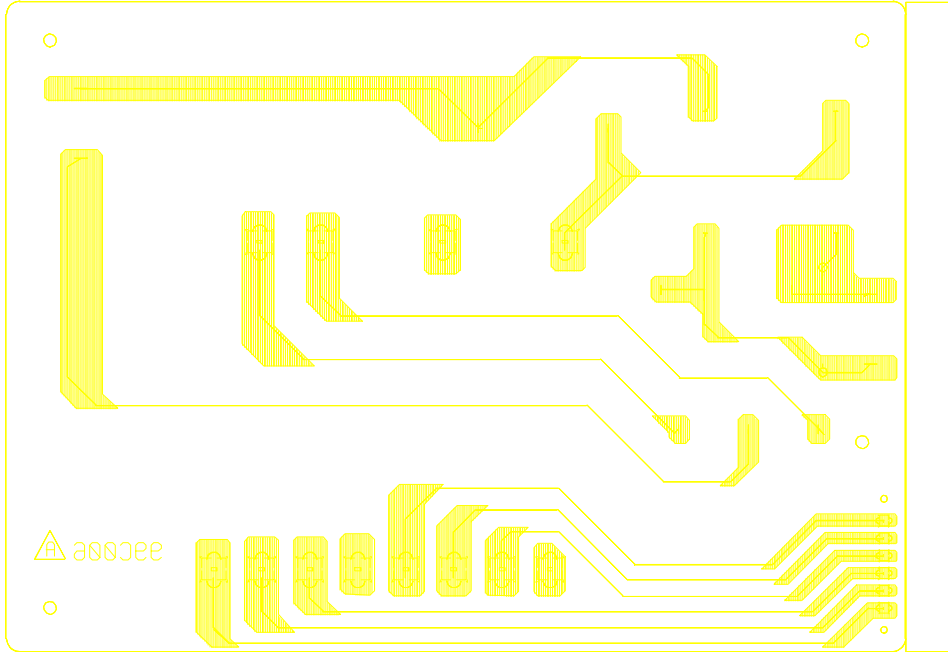
|   |                     |                             |    |                                                             |
|---|---------------------|-----------------------------|----|-------------------------------------------------------------|
| 2 | EC10625T            | ELECT 10UF/25V              | 6  | C305,C311,C317,C323,C801,C803                               |
| 2 | EC10716T            | ELECT 100UF/16V             | 6  | C901,C903,C906,C907,C910,C912                               |
| 2 | EC10916             | ELECT 10000UF/16V           | 1  | C909                                                        |
| 2 | EC22625T            | ELECT 22UF/25V              | 2  | C503,C509                                                   |
| 2 | EC22716T            | ELECT 220UF/16V             | 2  | C802,C804                                                   |
| 2 | EC22816             | ELECT 2200UF/16V            | 1  | C908                                                        |
| 2 | EC47550T            | ELECT 4.7UF/50V             | 4  | C302,C308,C314,C320                                         |
| 2 | EC47710T            | ELECT 470UF/10V             | 1  | C902                                                        |
| 2 | EC47816             | ELECT 4700UF/16V            | 1  | C905                                                        |
| 2 | EP350101            |                             | 2  | SW701,SW702                                                 |
| 2 | ICAPL117-33V        | IC APL117-33V               | 1  | IC903                                                       |
| 2 | ICBA05T             | IC BA05T                    | 1  | IC901                                                       |
| 2 | ICBA4558F           | IC BA4558F                  | 2  | IC301,IC302                                                 |
| 2 | IC4066BFN           | IC 4066BFN                  | 1  | IC1                                                         |
| 2 | IC7905L             | IC 79L05                    | 1  | IC902                                                       |
| 2 | JW5206T             | JUMP WIRE                   | 67 | J1~J63,L701~L704                                            |
| 2 | MC10250T            | MYLAR CAP. 102M             | 8  | C304,C306,C310,C312,C316,C318,C322,C324                     |
| 2 | MC33250T            | MYLAR CAP. 332M             | 4  | C301,C307,C313,C319                                         |
| 2 | MT0101802           | EARTHED METAL PLATE         | 2  | (RCA301,RCA302)                                             |
| 2 | MT0101803           | EARTHED METAL PLATE         | 2  | (DIN301,DIN302)                                             |
| 2 | MT0101807           | EARTHED METAL PLATE         | 2  | (RCA501,RCA502)                                             |
| 2 | MT0603202           | HEAT SINK                   | 1  |                                                             |
| 2 | MT0603206           | HEAT SINK                   | 1  |                                                             |
| 2 | MT0603208           | HEAT SINK                   | 1  | (Q903)                                                      |
| 2 | MT1101804           | EARTHED METAL PLATE         | 2  | (SW701,SW702)                                               |
| 2 | PC01C022            | MAIN PCB                    | 1  |                                                             |
| 2 | PT0104415           | 8P MINI DIN PLASTIC         | 1  | (DIN301)                                                    |
| 2 | PT0604435           | 6P MINI DIN PLASTIC         | 1  | (DIN302)                                                    |
| 2 | RJ102A-09           | RCA JACK                    | 2  | RCA301,RCA302                                               |
| 2 | RJ1081              | RCA JACK                    | 2  | RCA501,RCA502                                               |
| 2 | R10016              | RESISTOR 10Ω 1/16W          | 4  | R503,R504,R510,R511                                         |
| 2 | R10116              | RESISTOR 100Ω 1/16W         | 1  | R902                                                        |
| 2 | R10216              | RESISTOR 1K 1/16W           | 1  | R901                                                        |
| 2 | R10316              | RESISOTR 10K 1/16W          | 12 | R305,R313,R321,R329,R501,R506,R508,R513,R701,R702,R703,R704 |
| 2 | R12216              | RESISTOR 1K2 1/16W          | 4  | R301,R309,R317,R325                                         |
| 2 | R18316              | RESISTOR 18K 1/16W4         | 4  | R306,R314,R322,R330                                         |
| 2 | R27216              | RESISTOR 2K7 1/16W          | 2  | R502,R509                                                   |
| 2 | R33216              | RESISTOR 3K3 1/16W          | 4  | R303,R311,R319,R327                                         |
| 2 | R39316              | RESISTOR 39K 1/16W          | 4  | R302,R310,R318,R326                                         |
| 2 | R47116              | RESISTOE 470Ω 1/16W         | 4  | R307,R315,R323,R331                                         |
| 2 | R47216              | RESISOTR 4K7 1/16W          | 4  | R401,R402,R403,R404                                         |
| 2 | R56116              | RESISTOR 560Ω 1/16W         | 2  | R505,R512                                                   |
| 2 | R56216              | RESISTOR 5K6 1/16W          | 8  | R304,R308,R312,R316,R320,R324,R328,R332                     |
| 2 | R56416              | RESISTORB 560K 1/16W        | 4  | R801,R802,R803,R804                                         |
| 2 | R68016              | RESISTOR 68Ω 1/16W          | 2  | R507,R514                                                   |
| 2 | SC0306RBZI          | SCREW                       | 7  |                                                             |
| 2 | SWSV71030-01        | SWITCH                      | 1  | SW401                                                       |
| 2 | TE10200601          | 6P CONNECTOR                | 1  | TE901                                                       |
| 2 | TE422000801         | 8P DIN MINI                 | 2  | DIN301,DIN302                                               |
| 2 | TE912002701         | 27P TEST PIN                | 2  | TE1,TE2                                                     |
| 2 | TRA608T             | TRANSISTOR 2SA608           | 2  | Q801,Q802                                                   |
| 2 | TRB1185             | TRANSISTOR B1185            | 2  | Q901,Q903                                                   |
| 2 | TRC2878             | TRANSISTOR 2SC2878          | 4  | Q301,Q302,Q303,Q304                                         |
| 2 | TRC536T             | TRANSISTOR 2SC536           | 3  | Q501,Q502,Q902                                              |
| 2 | UH322513T100K       | CHOKE COIL                  | 4  | L101~L104                                                   |
| 2 | WCB5                | WIRE (50mm)                 | 2  | (A~B)                                                       |
| 2 | WCB6                | WIRE (60mm)                 | 1  | (CN1~CN2)                                                   |
|   |                     |                             |    |                                                             |
| 1 | <b>TWPC01C06004</b> | <b>SERVO PCB ASSY CDN36</b> |    |                                                             |
| 2 | CS102K5005X7R       | CERAMIC 1000PK (SMD)        | 2  | C1,C21                                                      |
| 2 | CS103K5005X7R       | CERAMIC 0.01UFK (SMD)       | 2  | C6,C23                                                      |
| 2 | CS103Z5005Y5V       | CERAMIC 0.01UFZ (SMD)       | 1  | C4                                                          |
| 2 | CS104K2505X7R       | CERAMIC 0.1UFK (SMD)        | 2  | C25,C36                                                     |
| 2 | CS104Z2505Y5V       | CERAMIC 0.1UFZ (SMD)        | 5  | C12,C16,C27,C29,C30                                         |
| 2 | CS150J5005COG       | CERAMIC 15PJ (SMD)          | 1  | C9                                                          |
| 2 | CS152K5005X7R       | CERAMIC 1500PK (SMD)        | 2  | C20,C31                                                     |
| 2 | CS154K2505X7R       | CERAMIC 0.15UFK (SMD)       | 1  | C32                                                         |
| 2 | CS221J5005COG       | CERAMIC 220PJ (SMD)         | 1  | C18                                                         |

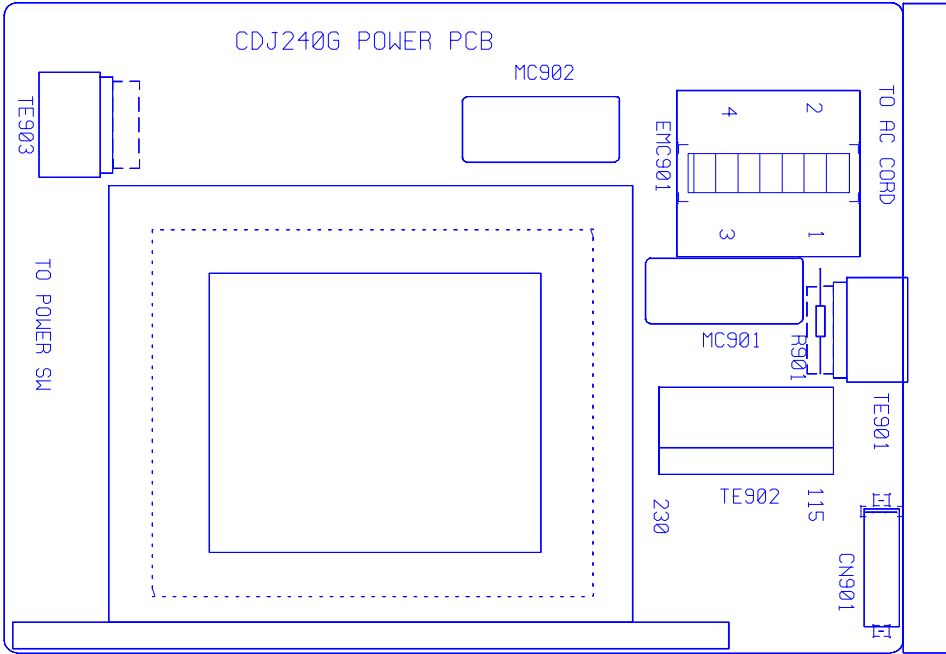
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|---|---------------------|-----------------------------|----|------------------------------------------------------------------|
| 2 | CS270J5005COG       | CERAMIC 27PJ (SMD)          | 2  | C33,C34                                                          |
| 2 | CS300J5005COG       | CERAMIC 30PJ (SMD)          | 2  | C13,C14                                                          |
| 2 | CS471J5005COG       | CERAMIC 470PJ (SMD)         | 2  | C24,C26                                                          |
| 2 | CS473K5005X7R       | CERAMIC 0.047UFK (SMD)      | 1  | C19                                                              |
| 2 | EC10450T            | ELECT 0.1UF/50V             | 1  | C7                                                               |
| 2 | EC10625TS           | ELECT 10UF/25V (S)          | 1  | C3                                                               |
| 2 | EC10716TS           | ELECT 100UF/16V (S)         | 4  | C2,C10,C15,C28                                                   |
| 2 | EC22716S            | ELECT 220UF/16V (S)         | 1  | C35                                                              |
| 2 | EC47550TS           | ELECT 4.7UF/50V (S)         | 2  | C8,C22                                                           |
| 2 | EC47625TS           | ELECT 47UF/25V (S)          | 1  | C5                                                               |
| 2 | FCN1R1001601        | 16P FFC CONNECTOR           | 1  | CN1                                                              |
| 2 | ICBA5979S           | IC BA5979S                  | 1  | IC4                                                              |
| 2 | ICCX A2568M         | IC CXA2568M                 | 1  | IC1                                                              |
| 2 | ICCXD2585Q          | IC CXD2585Q                 | 1  | IC2                                                              |
| 2 | JW5206T             | JUMP WIRE                   | 28 | J1~J28                                                           |
| 2 | MT0601804           | HEAT SINK                   | 1  |                                                                  |
| 2 | MT0603203           | HEAT SINK                   | 1  | (IC4)                                                            |
| 2 | MT0604413           | EARTHED METAL PLATE         | 1  | (IC4)                                                            |
| 2 | PC01C060            | SERVO PCB                   | 1  |                                                                  |
| 2 | RS00018J05          | RESISTOR 0Ω (SMD)           | 8  | JS1~JS6,JS8,JS9                                                  |
| 2 | RS10018J05          | RESISTOR 10Ω (SMD)          | 1  | R1                                                               |
| 2 | RS10118J05          | RESISTOR 100Ω (SMD)         | 5  | R13,R14,R15,R23,JS10                                             |
| 2 | RS10318J05          | RESISTOR 10K (SMD)          | 3  | R22,R25,R30                                                      |
| 2 | RS10418J05          | RESISTOR 100K (SMD)         | 2  | R24,R28                                                          |
| 2 | RS10518J05          | RESISTOR 1M (SMD)           | 4  | R4,R5,R12,R19                                                    |
| 2 | RS15318J05          | RESISTOR 15K (SMD)          | 2  | R27,R29                                                          |
| 2 | RS18218J05          | RESISTOR 1K8 (SMD)          | 1  | R34                                                              |
| 2 | RS18418J05          | RESISTOR 180K (SMD)         | 2  | R2,R3                                                            |
| 2 | RS22218J05          | RESISTOR 2K2 (SMD)          | 1  | R31                                                              |
| 2 | RS24118J05          | RESISTOR 240Ω (SMD)         | 1  | R7                                                               |
| 2 | RS33218J05          | RESISTOR 3K3 (SMD)          | 2  | R20,R21                                                          |
| 2 | RS33318J05          | RESISTOR 33K (SMD)          | 1  | R26                                                              |
| 2 | RS47218J05          | RESISTOR 4K7 (SMD)          | 2  | R32,R33                                                          |
| 2 | RS47318J05          | RESISTOR 47K (SMD)          | 3  | R6,R10,R11                                                       |
| 2 | SC0304RINI          | SCREW                       | 1  |                                                                  |
| 2 | TE10200602          | 6P CONNECTOR                | 1  | (CN2)                                                            |
| 2 | TE562001401         | 14P FEMALE HEADER           | 1  | (CN3)                                                            |
| 2 | TE562002201         | 22P FEMALE HEADER           | 1  | (CN4)                                                            |
| 2 | TR2SB1198KSM        | TRANSISTOR 2SB1198KSM       | 1  | Q1                                                               |
| 2 | XTM16934            | CRYTAL 16.934MHz            | 1  | XTM1                                                             |
|   |                     |                             |    |                                                                  |
| 1 | <b>TWPC01C06105</b> | <b>MICON PCB ASSY CDN36</b> |    |                                                                  |
| 2 | CS104Z2505Y5V       | CERAMIC 0.1UFZ (SMD)        | 8  | C701,C703,C704,C707,C708,C709,C710,C711                          |
| 2 | CS300J5005COG       | CERAMIC 30PJ (SMD)          | 2  | C705,C706                                                        |
| 2 | D1ENLL4148SM        | DIODE                       | 2  | D701,D702                                                        |
| 2 | EC10716T            | ELECT 100UF/16V             | 2  | C601,C713                                                        |
| 2 | EC47550T            | ELECT 4.7UF/50V             | 1  | C702                                                             |
| 2 | ICTC7W14F           | IC TC7W14F                  | 1  | IC702                                                            |
| 2 | ICYH2K043           | IC YH2K043                  | 1  | IC701                                                            |
| 2 | IC6218              | IC 6218                     | 1  | IC601                                                            |
| 2 | JW5206T             | JUMP WIRE                   | 50 | J701~750                                                         |
| 2 | PC01C061            | MICON PCB                   | 1  |                                                                  |
| 2 | RS00018J05          | RESISTOR 0Ω (SMD)           | 1  | R729                                                             |
| 2 | RS10218J05          | RESISTOR 1K (SMD)           | 1  | R715                                                             |
| 2 | RS10318J05          | RESISTOR 10K (SMD)          | 23 | R602,R603,R701,R702,R703,R704,R706,R708,R710,R711,R716,R717,R718 |
| 2 | RS10518J05          | RESISTOR 1M (SMD)           | 1  | R713                                                             |
| 2 | RS47218J05          | RESISTOR 4K7 (SMD)          | 6  | R601,R705,R707,R709,R712,R714                                    |
| 2 | TE10200502          | 5P CONNECTOR                | 1  | (TE601)                                                          |
| 2 | TE552543401         | 34P FEMALE HEADER           | 1  | (TE701)                                                          |
| 2 | TE612000402         | 4P CONNECTOR                | 1  | (TE702)                                                          |
| 2 | TE962001401         | 14P PIN HEADER              | 1  | (TE704)                                                          |
| 2 | TE962002201         | 22P PIN HEADER              | 1  | (TE703)                                                          |
| 2 | TRDTC124EST         | TRANSISTOR DTC124EST        | 1  | Q701                                                             |
| 2 | XTM08000X2          | CRYTAL 8MHz                 | 1  | X701                                                             |
|   |                     |                             |    |                                                                  |
| 1 | <b>TWPC01C06106</b> | <b>MICON PCB ASSY CDN36</b> |    |                                                                  |
| 2 | CS104Z2505Y5V       | CERAMIC 0.1UFZ (SMD)        | 8  | C701,C703,C704,C707,C708,C709,C710,C711                          |
| 2 | CS300J5005COG       | CERAMIC 30PJ (SMD)          | 2  | C705,C706                                                        |

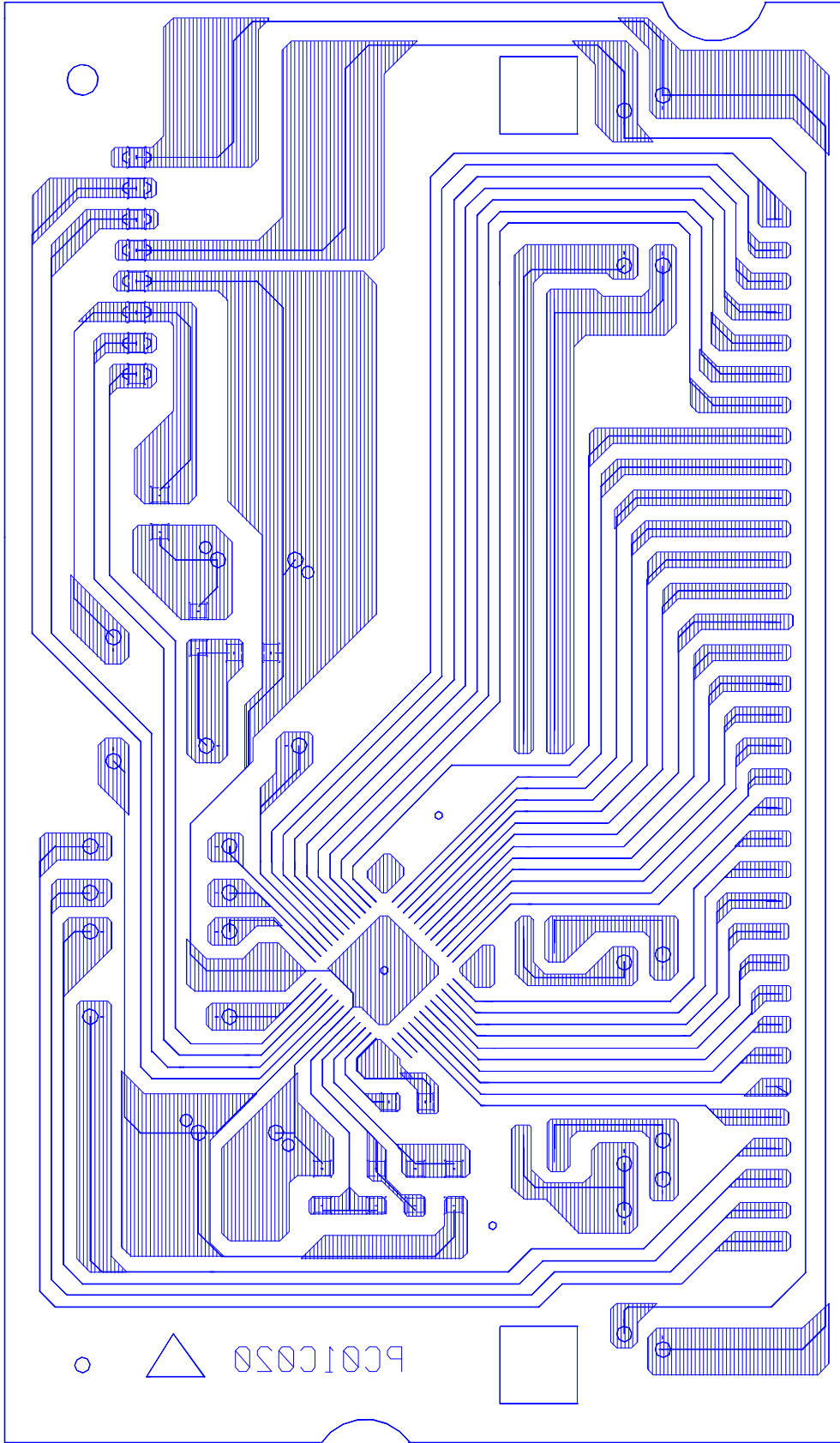
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|---|----------------------|--------------------------------|----|------------------------------------------------------------------------|
| 2 | D1ENLL4148SM         | DIODE                          | 2  | D701,D702                                                              |
| 2 | EC10716T             | ELECT 100UF/16V                | 2  | C601,C713                                                              |
| 2 | EC47550T             | ELECT 4.7UF/50V                | 1  | C702                                                                   |
| 2 | ICTC7W14F            | IC TC7W14F                     | 1  | IC702                                                                  |
| 2 | ICYH2K043            | IC YH2K043                     | 1  | IC701                                                                  |
| 2 | IC6218               | IC 6218                        | 1  | IC601                                                                  |
| 2 | JW5206T              | JUMP WIRE                      | 51 | J701~750,TE702                                                         |
| 2 | PC01C061             | MICON PCB                      | 1  |                                                                        |
| 2 | RS00018J05           | RESISTOR 0Ω (SMD)              | 1  | R729                                                                   |
| 2 | RS10318J05           | RESISTOR 10K (SMD)             | 24 | R602,R603,R701,R702,R703,R704,R706,R708,R710,R711,R715,R716,R717       |
| 2 | RS10518J05           | RESISTOR 1M (SMD)              | 1  | R713                                                                   |
| 2 | RS47218J05           | RESISTOR 4K7 (SMD)             | 6  | R601,R705,R707,R709,R712,R714                                          |
| 2 | TE10200502           | 5P CONNECTOR                   | 1  | (TE601)                                                                |
| 2 | TE552543401          | 34P FEMALE HEADER              | 1  | (TE701)                                                                |
| 2 | TE962001401          | 14P PIN HEADER                 | 1  | (TE704)                                                                |
| 2 | TE962002201          | 22P PIN HEADER                 | 1  | (TE703)                                                                |
| 2 | TRDTC124EST          | TRANSISTOR DTC124EST           | 1  | Q701                                                                   |
| 2 | XTM08000X2           | CRYTAL 8MHz                    | 1  | X701                                                                   |
|   |                      |                                |    |                                                                        |
| 1 | <b>TWPC01C07102</b>  | <b>DSP PCB ASSY CDN36</b>      |    |                                                                        |
| 2 | CS103Z5005Y5V        | CERAMIC 0.01UFZ                | 2  | C638,C639                                                              |
| 2 | CS104Z2505Y5V        | CERAMIC 0.1UFZ                 | 26 | C1,C2,C3,C4,C5,C601,C604,C607,C609,C610,C611,C613,C614,C615,C616,      |
| 2 | EC10625T             | ELECT 10UF/25V                 | 1  | C622                                                                   |
| 2 | EC10716T             | ELECT 100UF/16V                | 1  | C624                                                                   |
| 2 | EC47625T             | ELECT 47UF/25V                 | 6  | C602,C603,C608,C620,C630,C636                                          |
| 2 | ICDA1191             | IC DA1191                      | 1  | IC605                                                                  |
| 2 | ICIS41LV16100/S      | IC IS41LV16100/S               | 1  | IC602                                                                  |
| 2 | ICTC7W14F            | IC TC7W14F                     | 1  | IC608                                                                  |
| 2 | ICXCB56362PV100      | IC CXB56362PV100               | 1  | IC601                                                                  |
| 2 | ICYHFR09             | IC YHFR09                      | 1  | IC604                                                                  |
| 2 | IC74HCU04AFN         | IC 74HCU04AFN                  | 1  | IC606                                                                  |
| 2 | IC74HC08DT           | IC 74HC08DT                    | 1  | IC607                                                                  |
| 2 | JK9PLCC32J01         | IC CONNECTOR                   | 1  | (IC604)                                                                |
| 2 | PC01C071             | DSP PCB                        | 1  |                                                                        |
| 2 | RS00018J05           | RESISTOR 0Ω (SMD)              | 17 | J601,J602,J605,J607,J609,J611,J613,J614,J616,J618,J620,J622,J623,J624, |
| 2 | RS10118J05           | RESISTOR 100Ω (SMD)            | 9  | R605,R607,R616,R617,R618,R619,R620,R621,R622                           |
| 2 | RS10218J05           | RESISTOR 1K (SMD)              | 1  | R628                                                                   |
| 2 | RS10318J05           | RESISTOR 10K (SMD)             | 10 | R601,R603,R604,R606,R625,R626,R627,R638,R639,R640                      |
| 2 | RS27118J05           | RESISTOR 270Ω (SMD)            | 2  | R623,R624                                                              |
| 2 | RS47218J05           | RESISTOR 4K7 (SMD)             | 2  | R642,R645                                                              |
| 2 | RS56118J05           | RESISTOR 560Ω (SMD)            | 1  | R630                                                                   |
| 2 | TE862543401          | 34P PIN HEADER                 | 1  | (TE1)                                                                  |
| 2 | TE922002701          | 27P TEST PIN                   | 1  | (TE2)                                                                  |
|   |                      |                                |    |                                                                        |
| 1 | <b>TWPC02C01101</b>  | <b>FUNCTION PCB ASSY CDN36</b> |    |                                                                        |
| 2 | <b>TWPC02C011A01</b> | <b>FUNCTION PCB ASSY</b>       |    |                                                                        |
| 3 | BALE48215-5A         | LED PLASTIC (15.5mm)           | 5  | (LED117,127,128,133,134)                                               |
| 3 | CC10350T             | CERAMIC 0.01UF                 | 1  | C115                                                                   |
| 3 | CC10450T             | CERAMIC 0.1UF                  | 7  | C105,C106,C107,C108,C112,C113,C120                                     |
| 3 | CC27050T             | CERAMIC 27P                    | 1  | C125                                                                   |
| 3 | CC30050T             | CERAMIC 30P                    | 2  | C103,C104                                                              |
| 3 | D132T                | DIODE                          | 1  | D101                                                                   |
| 3 | DIRPI-352            | SENSOR                         | 2  | SEN103,SEN104                                                          |
| 3 | EC47550T             | ELECT 4.7UF/50V                | 1  | C102                                                                   |
| 3 | EC47616T             | ELECT 47UF/16V                 | 2  | C101,C109                                                              |
| 3 | ICYH2K069            | IC YH2K069                     | 1  | IC101                                                                  |
| 3 | IC74HC595            | IC 74HC595                     | 1  | IC103                                                                  |
| 3 | JW5206T              | JUMP WIRE                      | 42 | J1~J42                                                                 |
| 3 | LD-005HLV            | RED LED                        | 14 | LED112,115,116,124,125,126,129,130,131,132,135,136,138,139             |
| 3 | LD-305SYV            | ORANGE LED                     | 6  | LED118,119,120,121,122,123                                             |
| 3 | LDU326V4M            | GREEN LED                      | 2  | LED113,114                                                             |
| 3 | LD1030               | YELLOW LED                     | 1  | LED117                                                                 |
| 3 | PC02C011A            | FUNCTION PCB                   | 1  |                                                                        |
| 3 | PT01104803           | LED PLASTIC (3mm)              | 4  | (LED113,114,115,116)                                                   |
| 3 | R10116               | RESISTOR 100Ω 1/16W            | 1  | R178                                                                   |
| 3 | R10316               | RESISTOR 10K 1/16W             | 7  | R131,R132,R147,R157,R158,R192,R195                                     |
| 3 | R10516               | RESISTOR 1M 1/16W              | 1  | R148                                                                   |
| 3 | R12216               | RESISTOR 1K2 1/16W             | 1  | R126                                                                   |

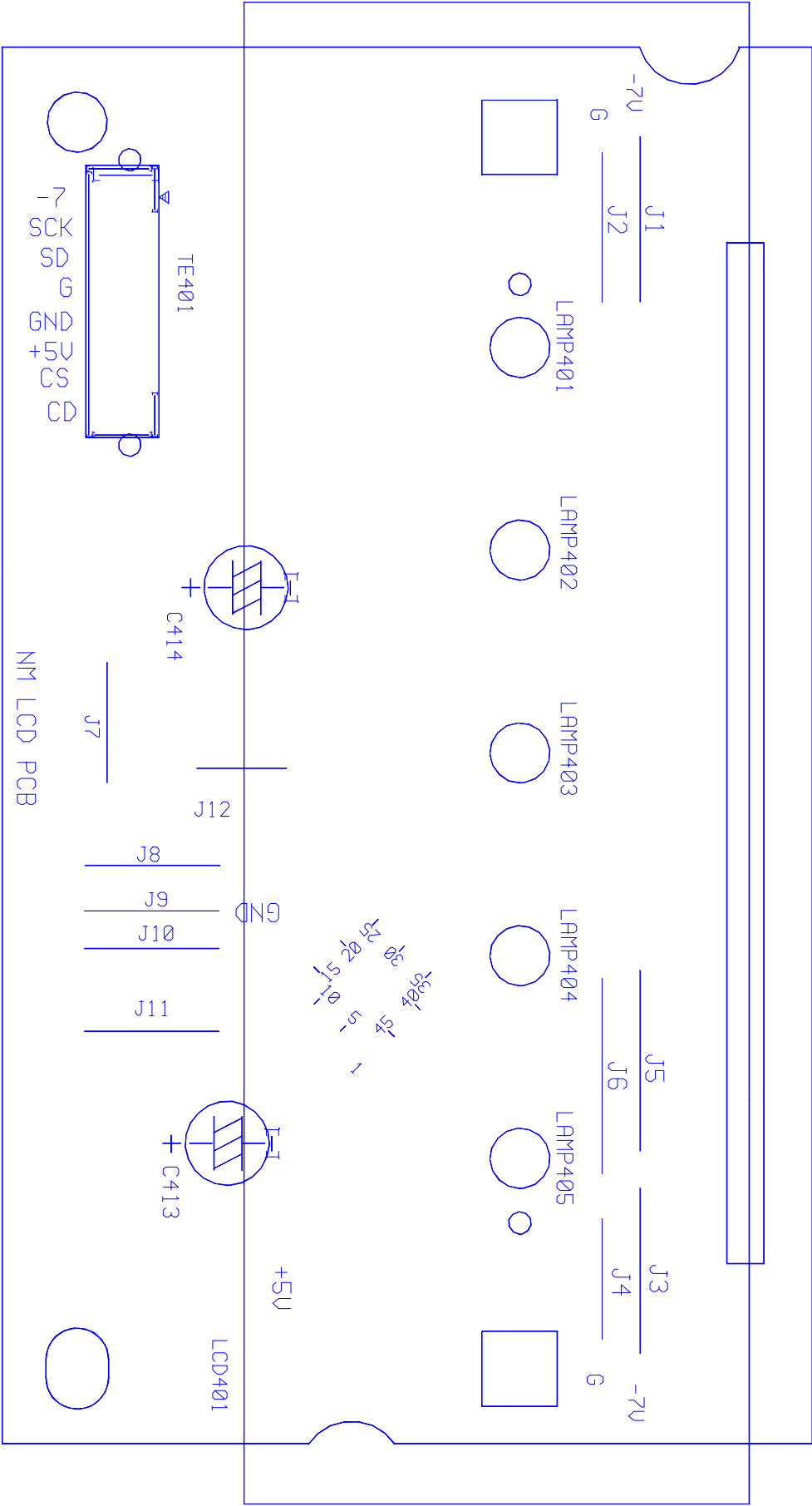
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| 3 | R15116               | RESISTOR 150Ω 1/16W            | 4  | R102,R118,R134,R141                     |
| 3 | R15216               | RESISTOR 1K5 1/16W             | 1  | R127                                    |
| 3 | R18116               | RESISTOR 180Ω 1/16W            | 3  | R181,R182,R183                          |
| 3 | R20216               | RESISTOR 2K 1/16W              | 1  | R128                                    |
| 3 | R22216               | RESISTOR 2K2 1/16W             | 2  | R187,R188                               |
| 3 | R22316               | RESISTOR 22K 1/16W             | 2  | R189,R194                               |
| 3 | R30216               | RESISTOR 3K 1/16W              | 1  | R129                                    |
| 3 | R33116               | RESISTOR 330Ω 1/16W            | 6  | R103,R119,R135,R142,R190,R193           |
| 3 | R39016               | RESISTOR 39Ω 1/16W             | 1  | R170                                    |
| 3 | R39116               | RESISTOR 390Ω 1/16W            | 8  | R104,R105,R120,R121,R136,R137,R143,R144 |
| 3 | R47116               | RESISTOR 470Ω 1/16W            | 7  | R162,R165,R166,R169,R177,R179,R184      |
| 3 | R47216               | RESISTOR 4K7 1/16W             | 5  | R101,R117,R130,R133,R140                |
| 3 | R56116               | RESISTOR 560Ω 1/16W            | 6  | R122,R138,R145,R180,R191,R196           |
| 3 | R68116               | RESISTOR 680Ω 1/16W            | 6  | R123,R139,R163,R164,R167,R168           |
| 3 | R75116               | RESISTOR 750Ω 1/16W            | 1  | R124                                    |
| 3 | R82116               | RESISTOR 820Ω 1/16W            | 1  | R125                                    |
| 3 | SC0306RICI           | SCREW                          | 1  |                                         |
| 3 | SW-43CG              | SWITCH                         | 1  | S132                                    |
| 3 | SWDC11G              | SWITCH                         | 1  | S123                                    |
| 3 | SWSKHVBE3520         | TACT SW (5.0)                  | 25 | S101~S103,S114~122,S124~S131,S133~S137  |
| 3 | TE552540601          | FEMALE HEADER                  | 2  | TE103,TE104                             |
| 3 | TRC536T              | TRANSISTOR 2SC536T             | 2  | Q103,Q104                               |
| 3 | TRDTC124EST          | TRANSISTOR DTC124EST           | 1  | Q101                                    |
| 3 | VRS10300601          | VR                             | 2  | VR101,VR102                             |
| 3 | XTM08000X2           | CRYTAL 8MHz                    | 1  | X101                                    |
|   |                      |                                |    |                                         |
| 2 | <b>TWPC02C011B01</b> | <b>I/O PCB ASSY</b>            |    |                                         |
| 3 | CC10450T             | CERAMIC 0.1UF                  | 1  | C502                                    |
| 3 | EC10716T             | ELECT 100UF/16V                | 1  | C501                                    |
| 3 | IC7805               | IC 7805                        | 1  | IC501                                   |
| 3 | JW5206T              | JUMP WIRE                      | 2  | J501,J502                               |
| 3 | MT0101803            | EARTHED METAL PLATE            | 2  | (DIN501, DIN502)                        |
| 3 | M0104420             | FRAME                          | 1  |                                         |
| 3 | PC02C011B            | I/O PCB                        | 1  |                                         |
| 3 | PT0104415            | 8P DIN MINI PLASTIC            | 1  | (DIN501)                                |
| 3 | PT0604435            | 6P DIN MINI PLASTIC            | 1  | (DIN502)                                |
| 3 | R10316               | RESISTOR 10K 1/16W             | 5  | R501,R502,R503,R504,R505                |
| 3 | SC0306RICI           | SCREW                          | 1  |                                         |
| 3 | TE422000801          | 8P DIN MINI                    | 2  | DIN501,DIN502                           |
| 3 | TE522500401          | 4P TEST PIN                    | 2  | TE501,TE503                             |
| 3 | TE522500901          | 9P TEST PIN                    | 1  | TE502                                   |
| 3 | TE612000801          | 8P CONNECTOR                   | 2  | TE504,TE505                             |
|   |                      |                                |    |                                         |
| 1 | <b>TWPC02C01201</b>  | <b>FUNCTION PCB ASSY CDN36</b> |    |                                         |
| 2 | BALE48215-5A         | LED PLASTIC (15.5mm)           | 1  | (LED105)                                |
| 2 | CC10350T             | CERAMIC 0.01UF                 | 1  | C114                                    |
| 2 | CC10450T             | CERAMIC 0.1UF                  | 2  | C110,C111                               |
| 2 | DIRPI-352            | SENSOR                         | 2  | SEN101,SEN102                           |
| 2 | IC74HC595            | IC 74HC595                     | 1  | IC102                                   |
| 2 | JW5206T              | JUMP WIRE                      | 10 | J101~J110                               |
| 2 | LD-005HLV            | RED LED                        | 2  | LED103,LED104                           |
| 2 | LD-305SYV            | ORANGE LED                     | 6  | LE106~LED111                            |
| 2 | LDU326V4M            | GREEN LED                      | 2  | LED101,LED102                           |
| 2 | LD1030               | YELLOW LED                     | 1  | LED105                                  |
| 2 | PC02C012             | FUNCTION PCB                   | 1  |                                         |
| 2 | PT01104803           | LED PLASTIC (3mm)              | 4  | (LED101~LED104)                         |
| 2 | R10116               | RESISTOR 100Ω 1/16W            | 1  | R171                                    |
| 2 | R10316               | RESISTOR 10K 1/16W             | 4  | R115,R116,R150,R156                     |
| 2 | R12216               | RESISTOR 1K2 1/16W             | 1  | R110                                    |
| 2 | R15216               | RESISTOR 1K5 1/16W             | 1  | R111                                    |
| 2 | R18116               | RESISTOR 180Ω 1/16W            | 3  | R174,R175,R176                          |
| 2 | R20216               | RESISTOR 2K 1/16W              | 1  | R112                                    |
| 2 | R22216               | RESISTOR 2K2 1/16W             | 2  | R185,R186                               |
| 2 | R22316               | RESISTOR 22K 1/16W             | 2  | R149,R155                               |
| 2 | R30216               | RESISTOR 3K 1/16W              | 1  | R113                                    |
| 2 | R33116               | RESISTOR 330Ω 1/16W            | 2  | R152,R154                               |
| 2 | R47116               | RESISTOR 470Ω 1/16W            | 1  | R172                                    |
| 2 | R47216               | RESISTOR 4K7 1/16W             | 1  | R114                                    |

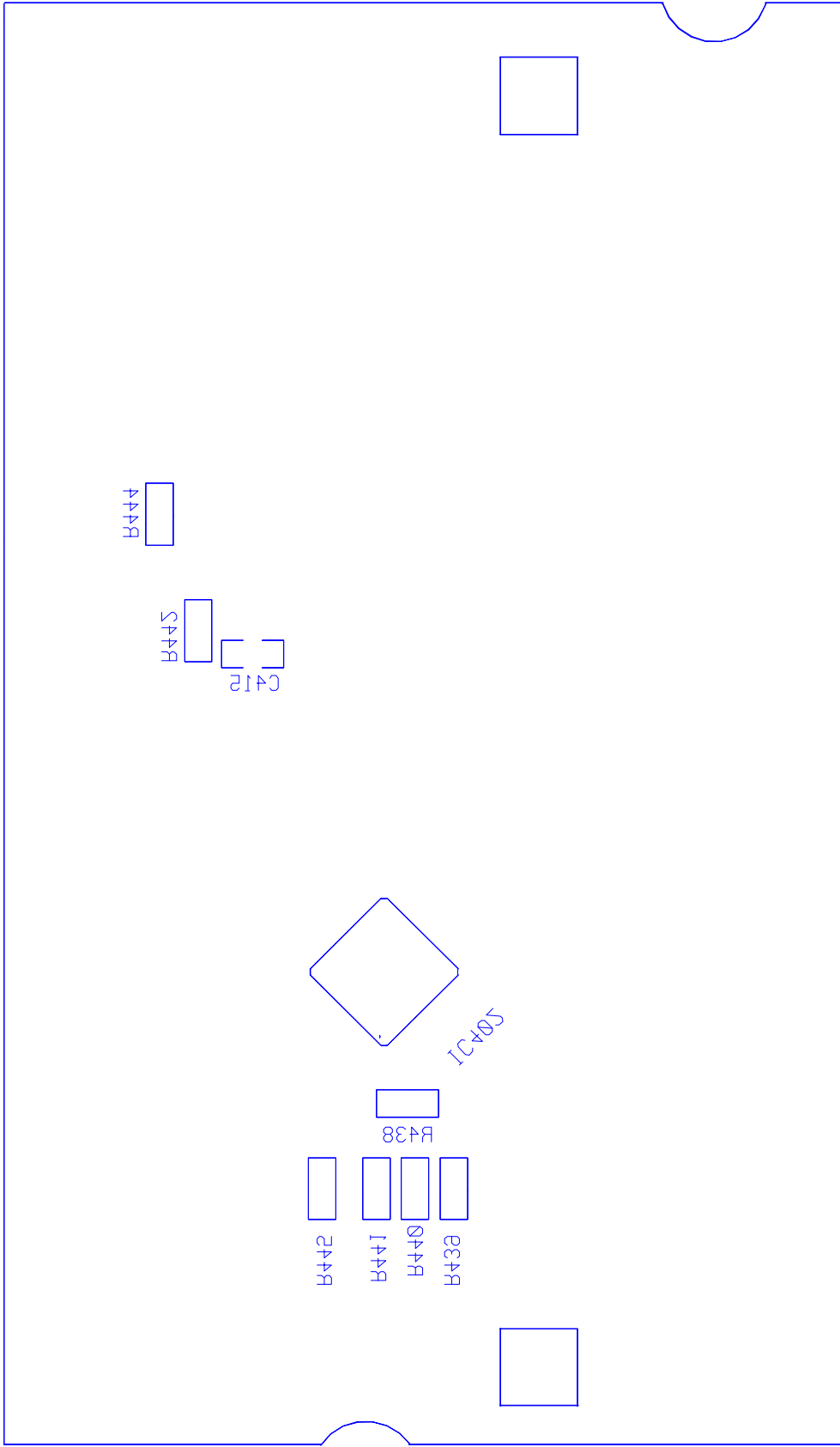
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|---|----------------------|-----------------------------|---|---------------------|
| 2 | R56116               | RESISTOR 560Ω 1/16W         | 4 | R106,R151,R153,R173 |
| 2 | R68116               | RESISTOR 680Ω 1/16W         | 1 | R107                |
| 2 | R75116               | RESISTOR 750Ω 1/16W         | 1 | R108                |
| 2 | R82116               | RESISTOR 820Ω 1/16W         | 1 | R109                |
| 2 | SWDC11G              | SWITCH                      | 1 | S110                |
| 2 | SWSKHVBE3520         | TACT SW (5.0)               | 9 | S104~S109,S111~S113 |
| 2 | TE952540601          | 6P FEMALE HEADER            | 2 | TE101,TE102         |
| 2 | TRC536T              | TRANSISTOR 2SC536T          | 2 | Q101,Q102           |
|   |                      |                             |   |                     |
| 1 | <b>TWPC02C03401</b>  | <b>OP/CL PCB ASSY CDN36</b> |   |                     |
| 2 | <b>TWPC02C034A01</b> | <b>OP/CL PCB ASSY</b>       |   |                     |
| 3 | CN0220001701         | 2P CONNECTOR (170mm)        | 2 | CN902,CN903         |
| 3 | CN0420001601         | 4P CONNECTOR (160mm)        | 1 | CN901               |
| 3 | PC02C034A            | OP/CL PCB                   | 1 |                     |
| 3 | R10316               | RESISTOR 10K 1/16W          | 2 | R901,R902           |
| 3 | SWSKHVBE3520         | TACT SW (5.0)               | 2 | S901,S902           |
| 3 | TE812000211          | 2P CONNECTOR                | 3 | (CN902,CN903,CN904) |
| 3 | TE812000411          | 4P CONNECTOR                | 1 | (CN901)             |
| 3 | WR062600910Z2        | 2P CONNECTOR (90mm)         | 1 | CN904               |
|   |                      |                             |   |                     |
| 2 | <b>TWPC02C034B01</b> | <b>POWER PCB ASSY</b>       |   |                     |
| 3 | LD-005HLV            | RED LED                     | 2 | LED901,LED902       |
| 3 | PC02C034B            | POWER PCB                   | 1 |                     |
| 3 | R27116               | RESISTOR 270Ω 1/16W         | 2 | R904,R905           |
| 3 | TE812000211          | 2P CONNECTOR                | 1 | (CN905)             |
|   |                      |                             |   |                     |
| 2 | <b>TWPC02C034C01</b> | <b>LED PCB ASSY</b>         |   |                     |
| 3 | LD-2317SRC2          | RED LED                     | 1 | LED903              |
| 3 | PC02C034C            | LED PCB                     | 1 |                     |
| 3 | PT0104411            | LED PLASTIC (6mm)           | 1 | (LED903)            |
| 3 | R39116               | RESISTOR 390Ω 1/16W         | 1 | R906                |
| 3 | TE812000211          | 2P CONNECTOR                | 1 | (CN907)             |
|   |                      |                             |   |                     |
| 2 | <b>TWPC02C034C02</b> | <b>LED PCB ASSY</b>         |   |                     |
| 3 | LD-2317SRC2          | RED LED                     | 1 | LED903              |
| 3 | PC02C034C            | LED PCB                     | 1 |                     |
| 3 | PT0104411            | LED PLASTIC (6mm)           | 1 | (LED903)            |
| 3 | R39116               | RESISTOR 390Ω 1/16W         | 1 | R906                |
| 3 | TE812000211          | 2P CONNECTOR                | 1 | (CN906)             |

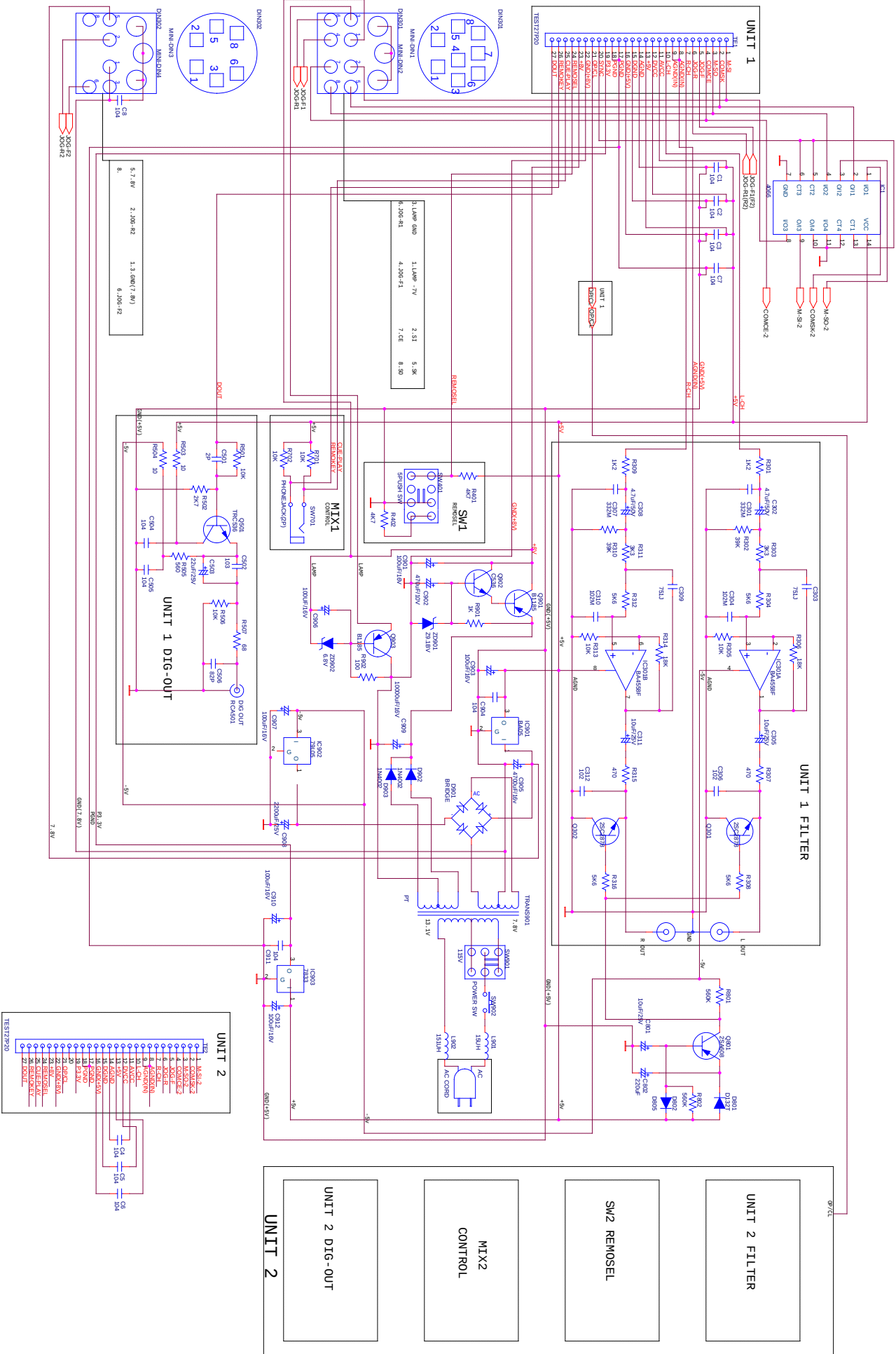


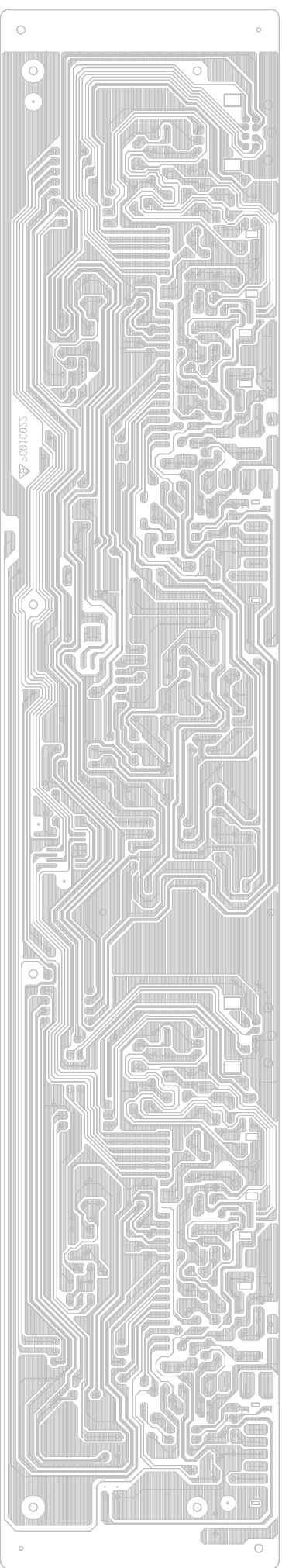


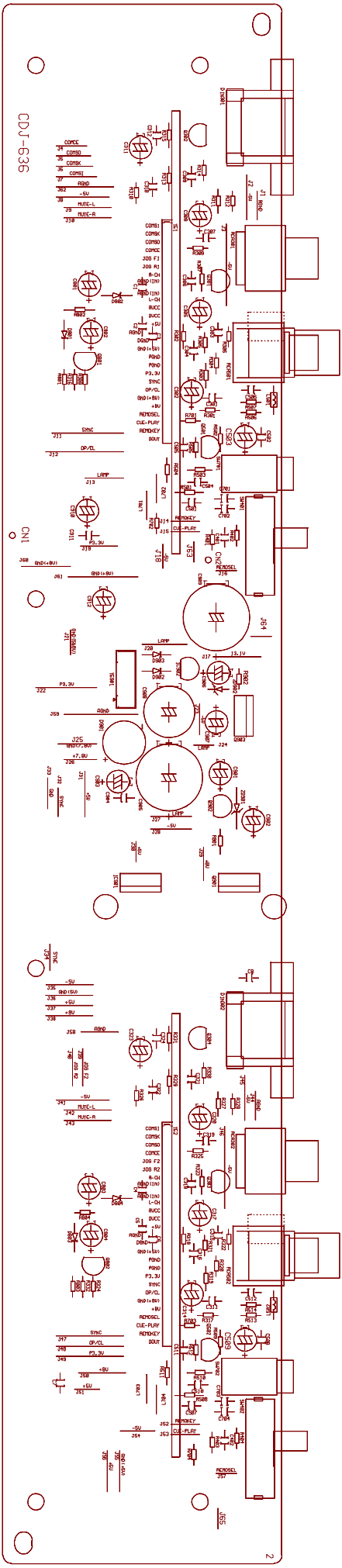




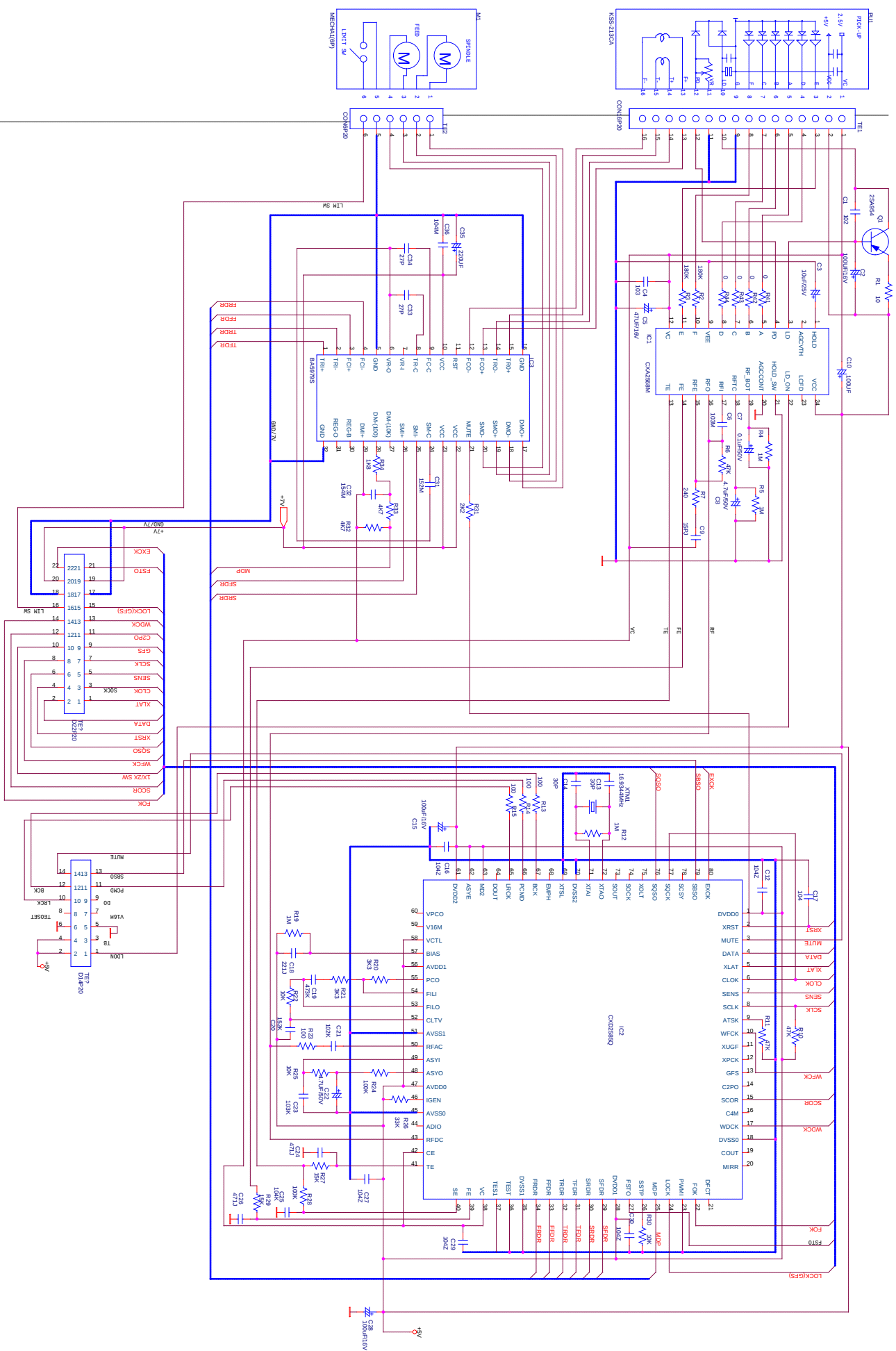


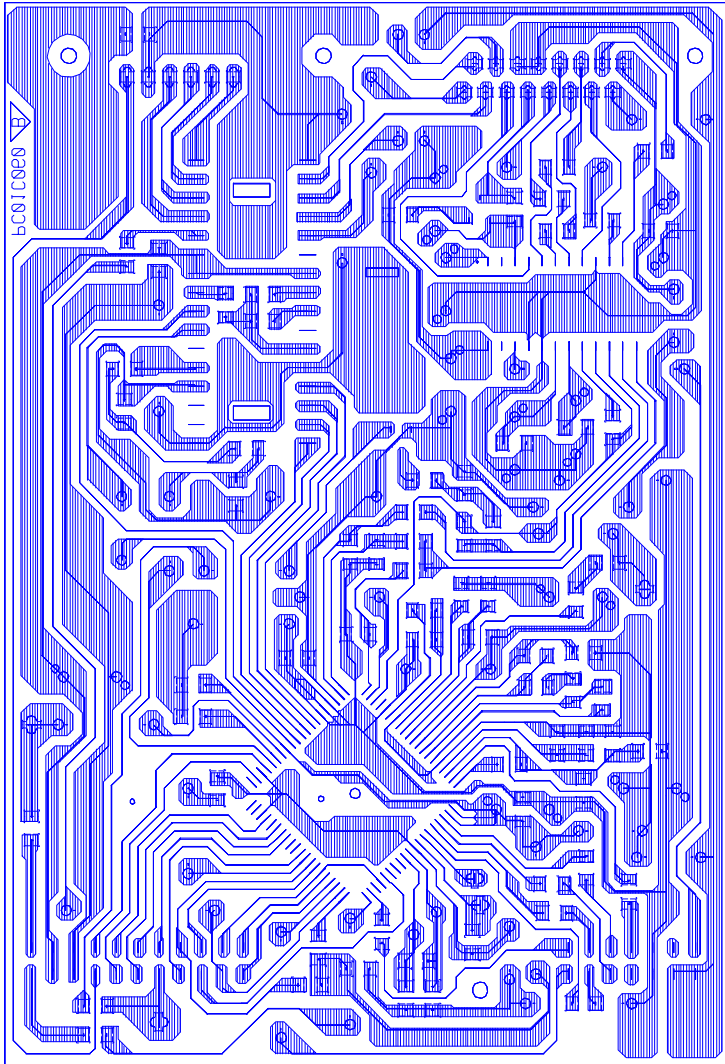


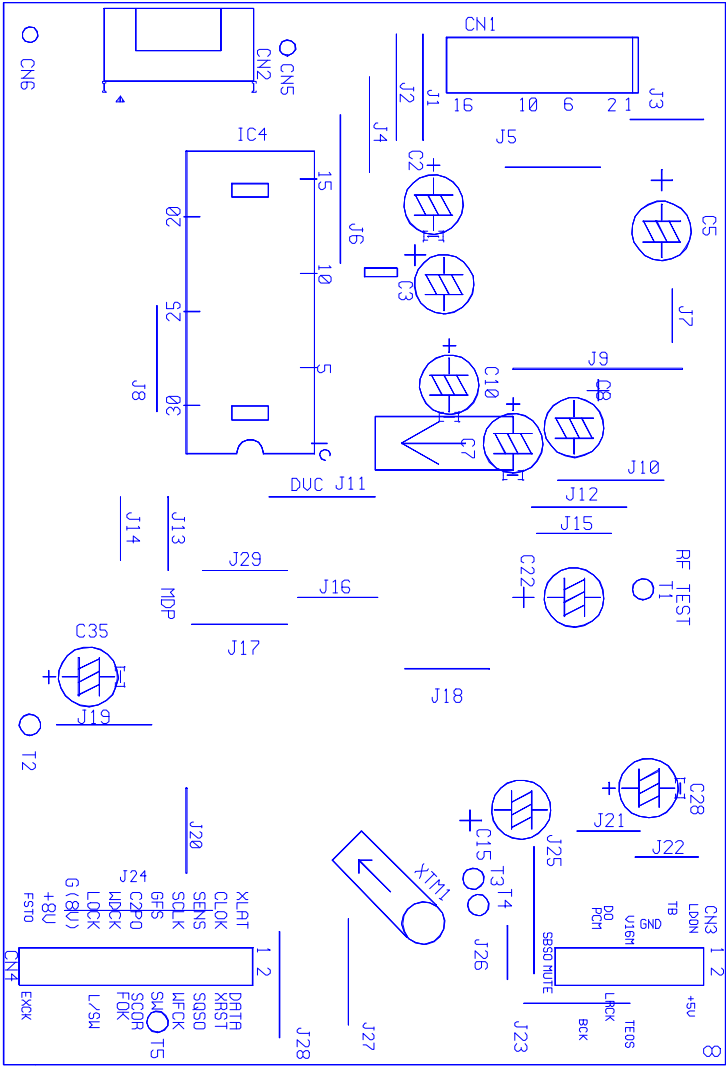


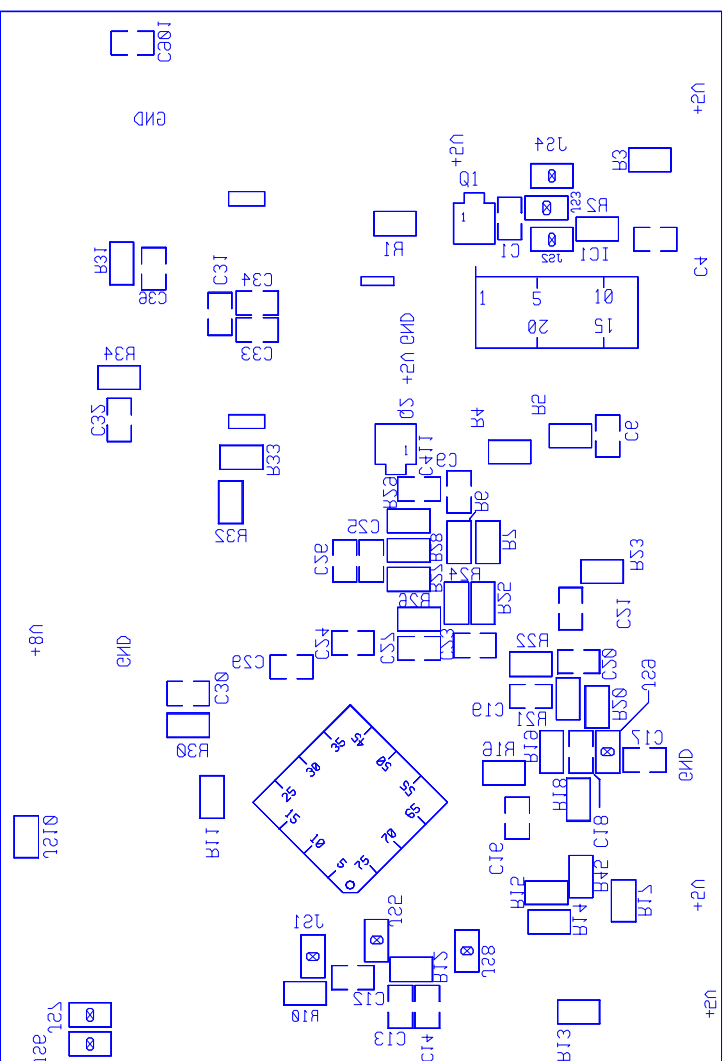


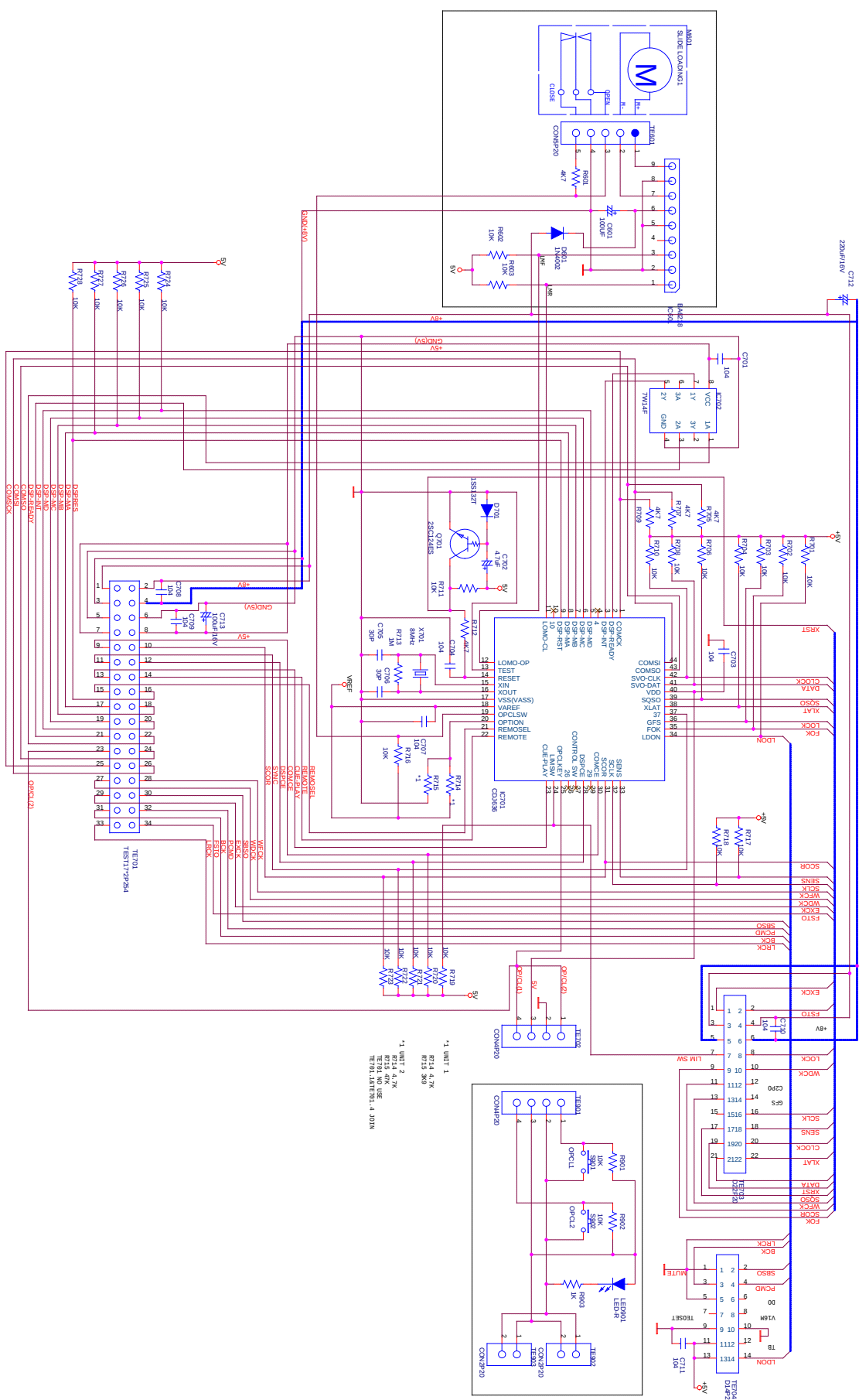






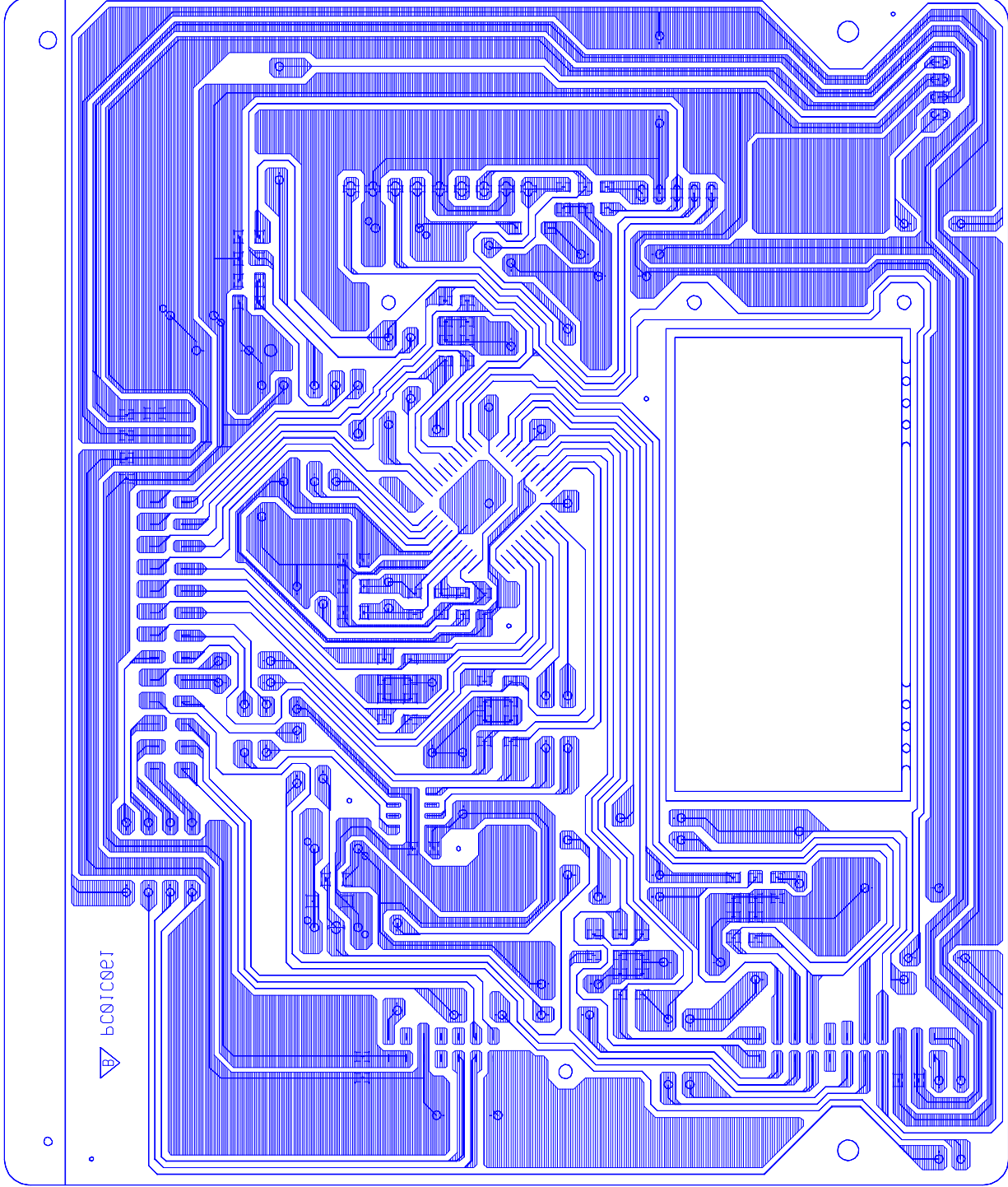


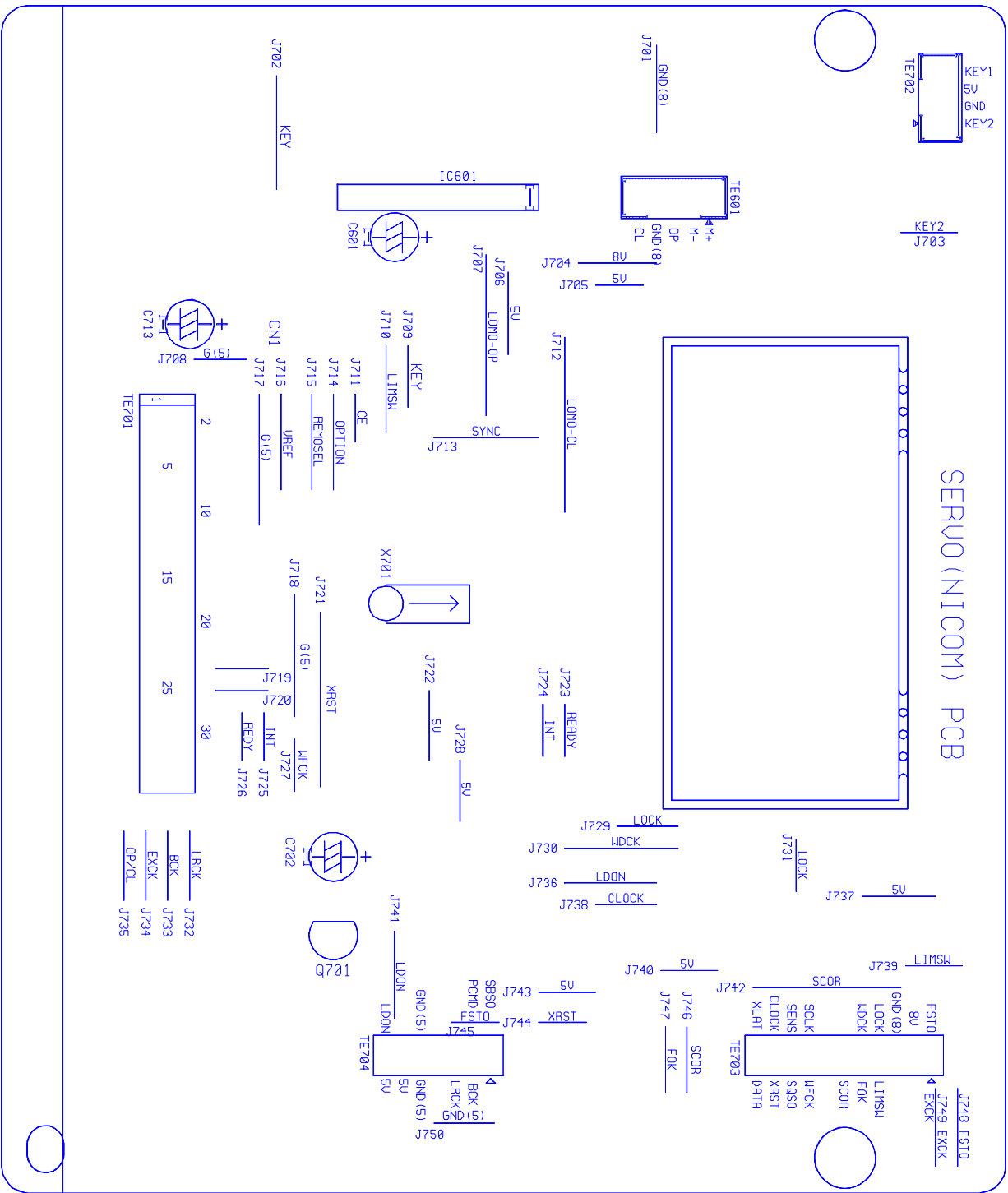


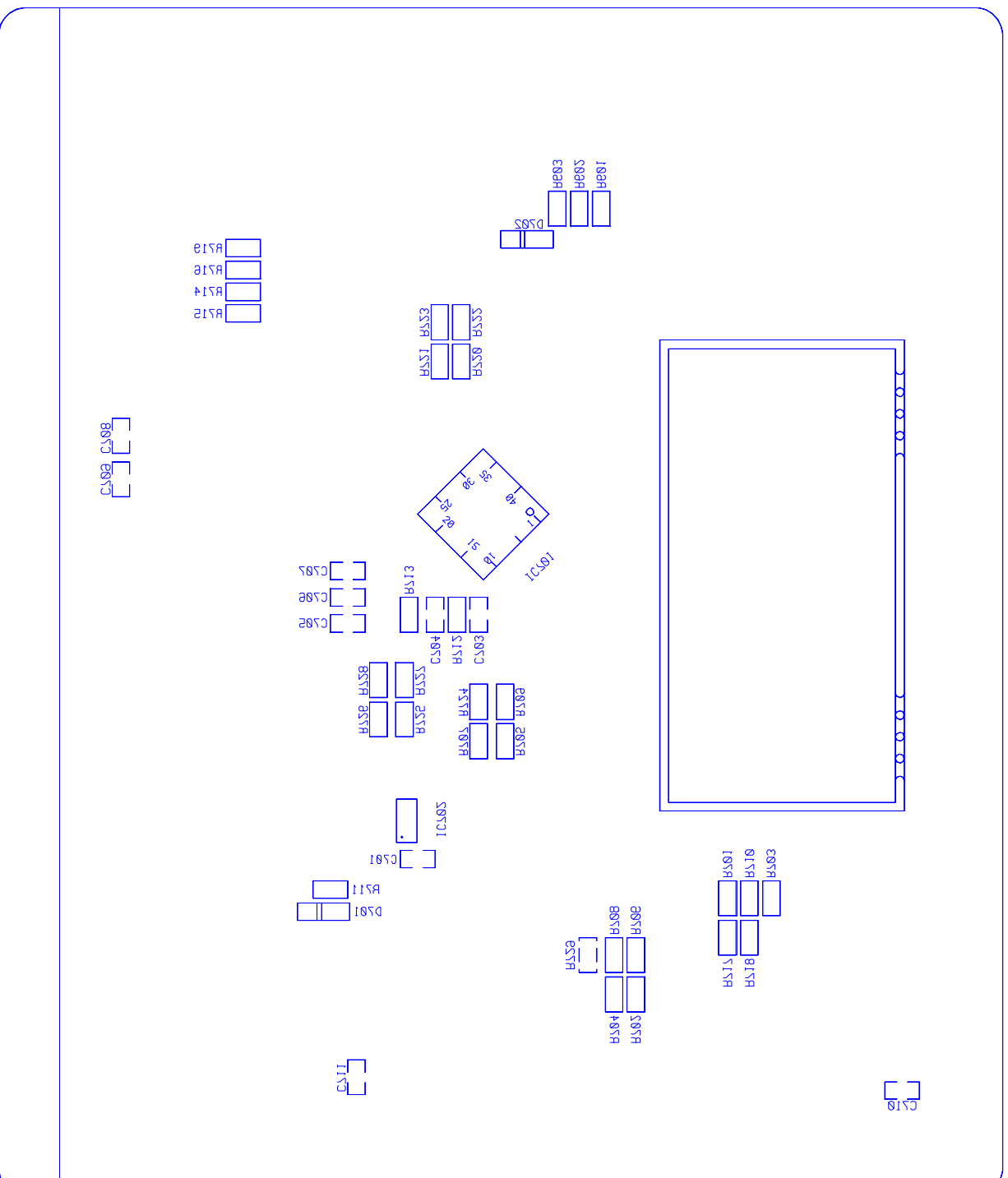


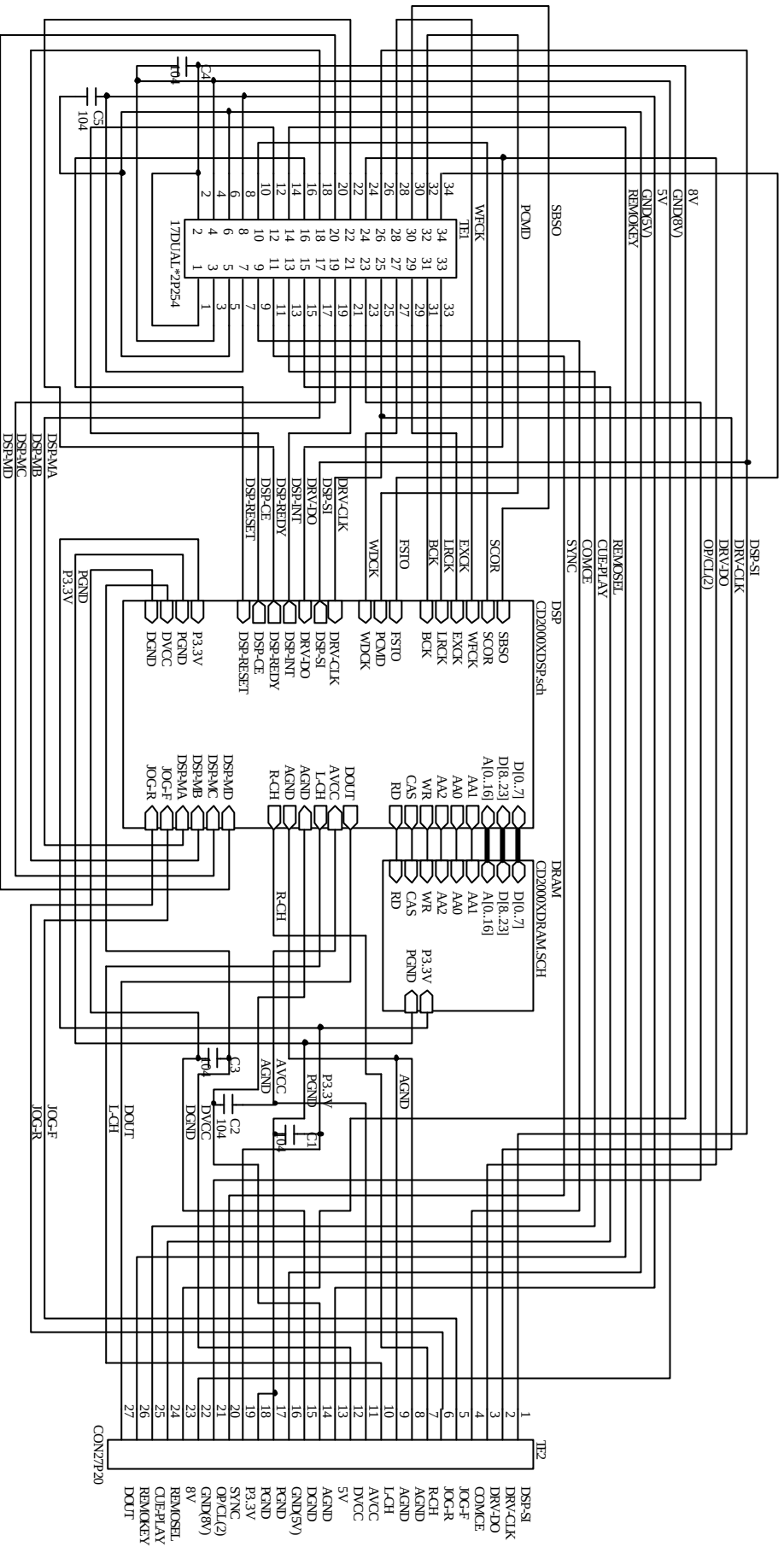
```
*1 UNIT 1
R714 4.7K
R715 3K9

*1 UNIT 2
R714 4.7K
R715 47K
TE701 NO USE
TE701.LATE701.4 JOIN
```



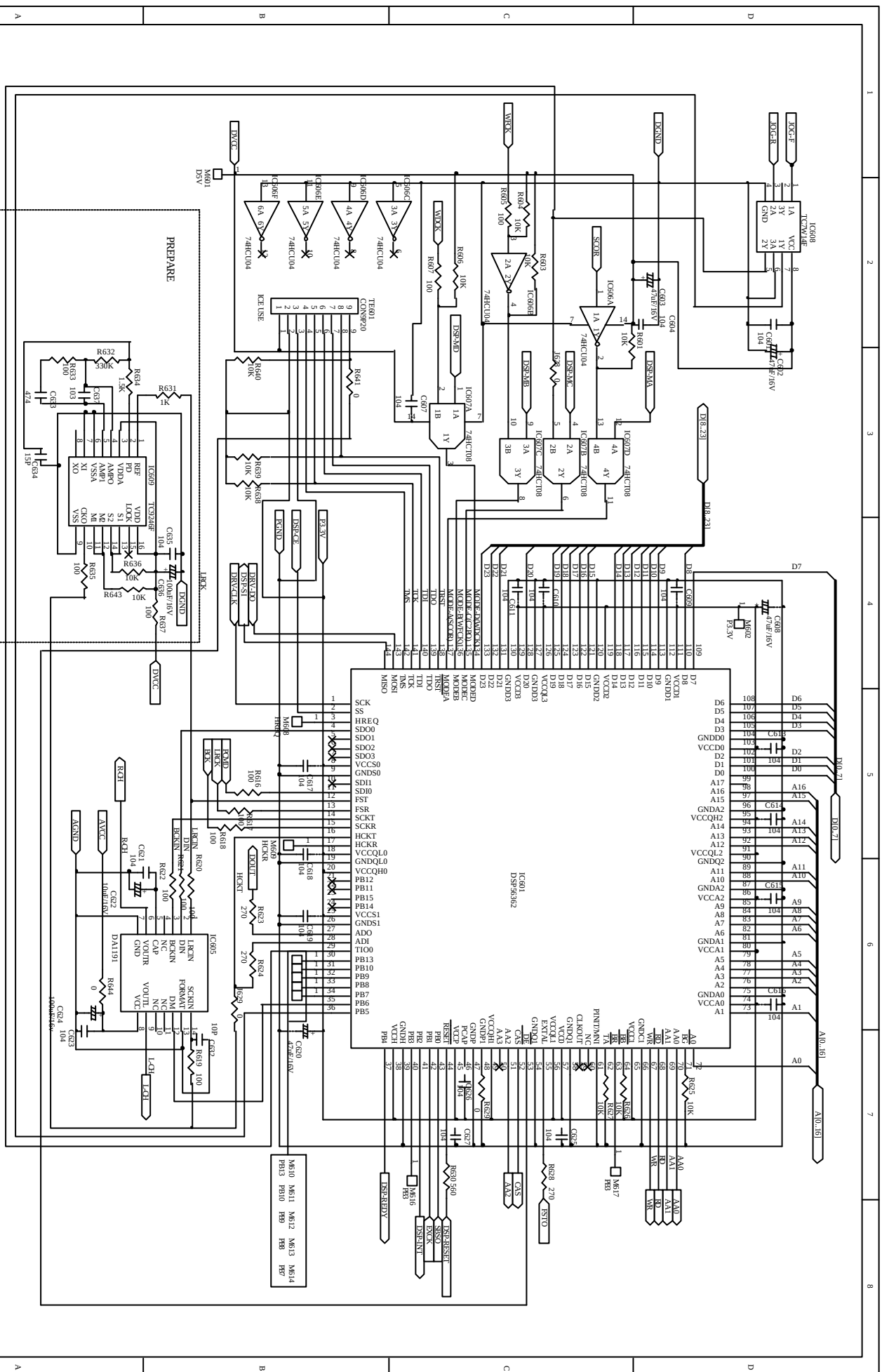






| Title |                              | Revision |  |
|-------|------------------------------|----------|--|
| 電子回路図 |                              | V1.0     |  |
| Size  | Number                       | Sheet of |  |
| A4    | CD2000X 架構圖                  | 1 / 3    |  |
| Date  | 10-Sep-2002                  | Drawn By |  |
| File  | D:\Client\B8\CD2000X\DSP.ppt |          |  |

| APPROVAL | CHECK | DESIGN | REV | DATE | DISCRIPTIONS |
|----------|-------|--------|-----|------|--------------|
| NAME     |       |        |     |      |              |



DSP SCH  
DRAM AND FLASH ROM NEW ADDRESS  
DSP ICE 9P

| 電子機器仕様                    |                 | Title                       |                 |
|---------------------------|-----------------|-----------------------------|-----------------|
| Size                      | Number          | Size                        | Number          |
| A3                        | YAH CD2000A DSP | A3                          | YAH CD2000A DSP |
| Date: 10-SEP-2002         |                 | Sheet of 2 / 3              |                 |
| Drawn by: YAH CD2000A DSP |                 | Checked by: YAH CD2000A DSP |                 |
| 1                         |                 | 2                           |                 |
| 3                         |                 | 4                           |                 |
| 5                         |                 | 6                           |                 |
| 7                         |                 | 8                           |                 |



