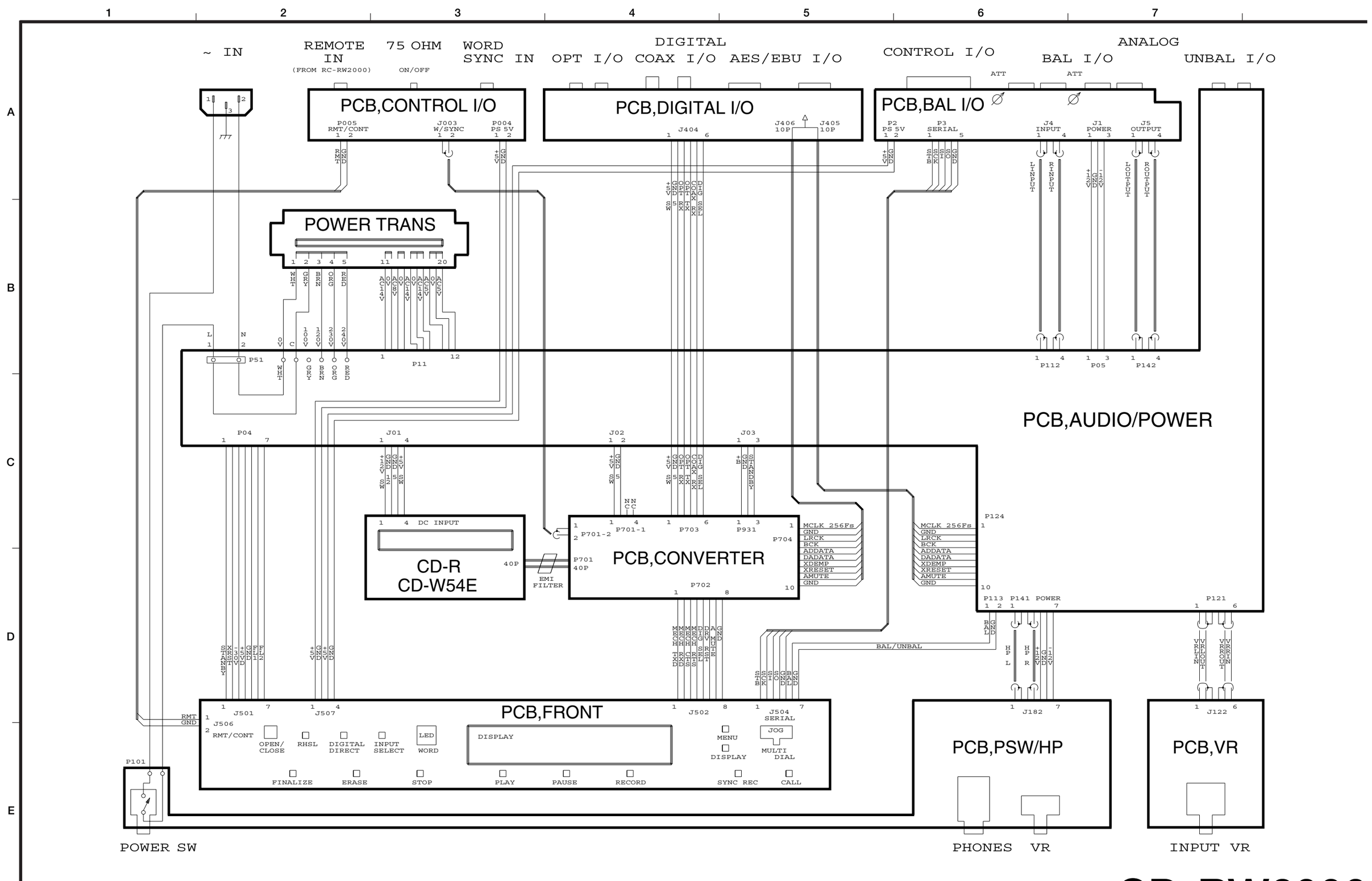
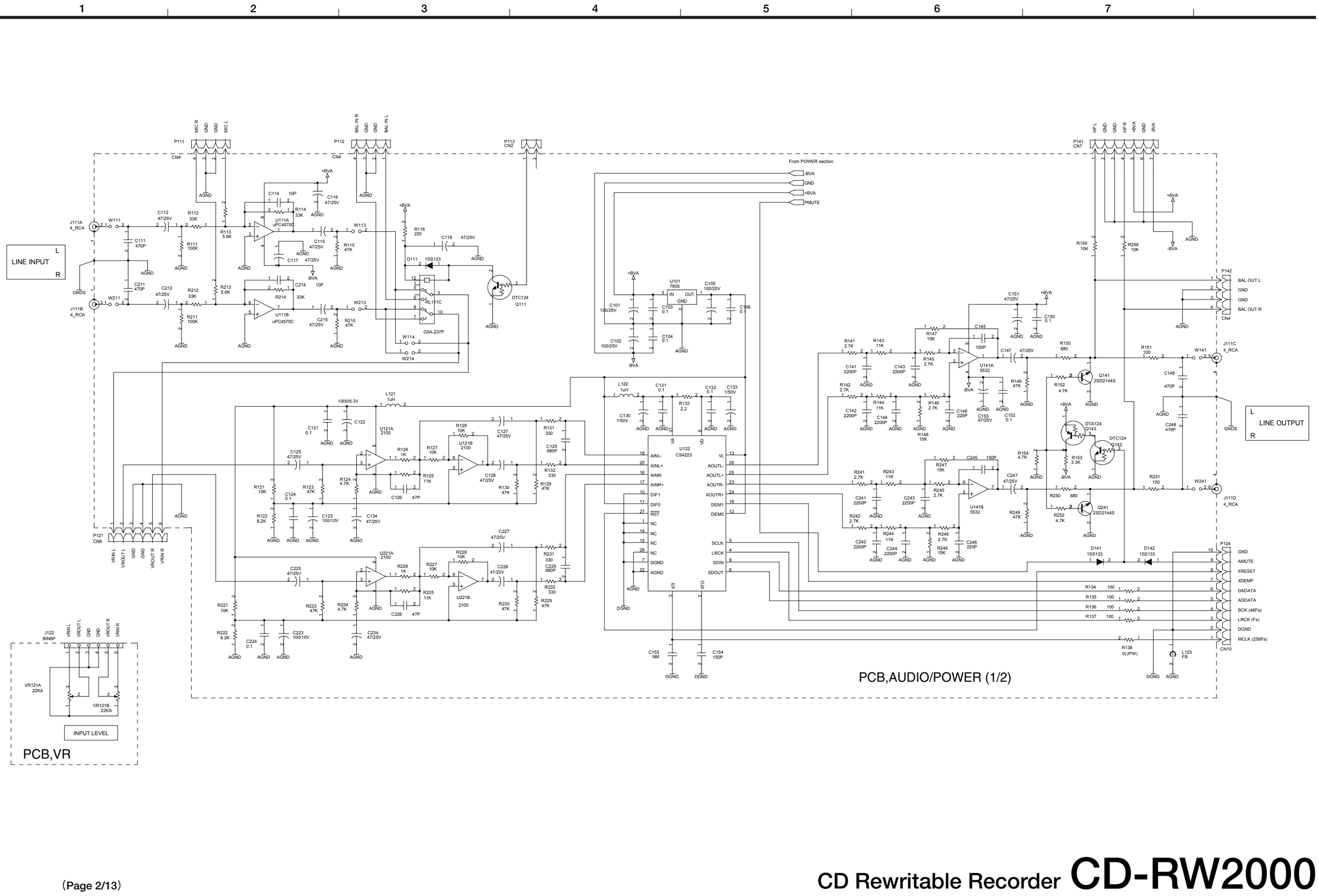
SCHEMATIC DIAGRAM CD-RW2000 WIRING DIAGRAM

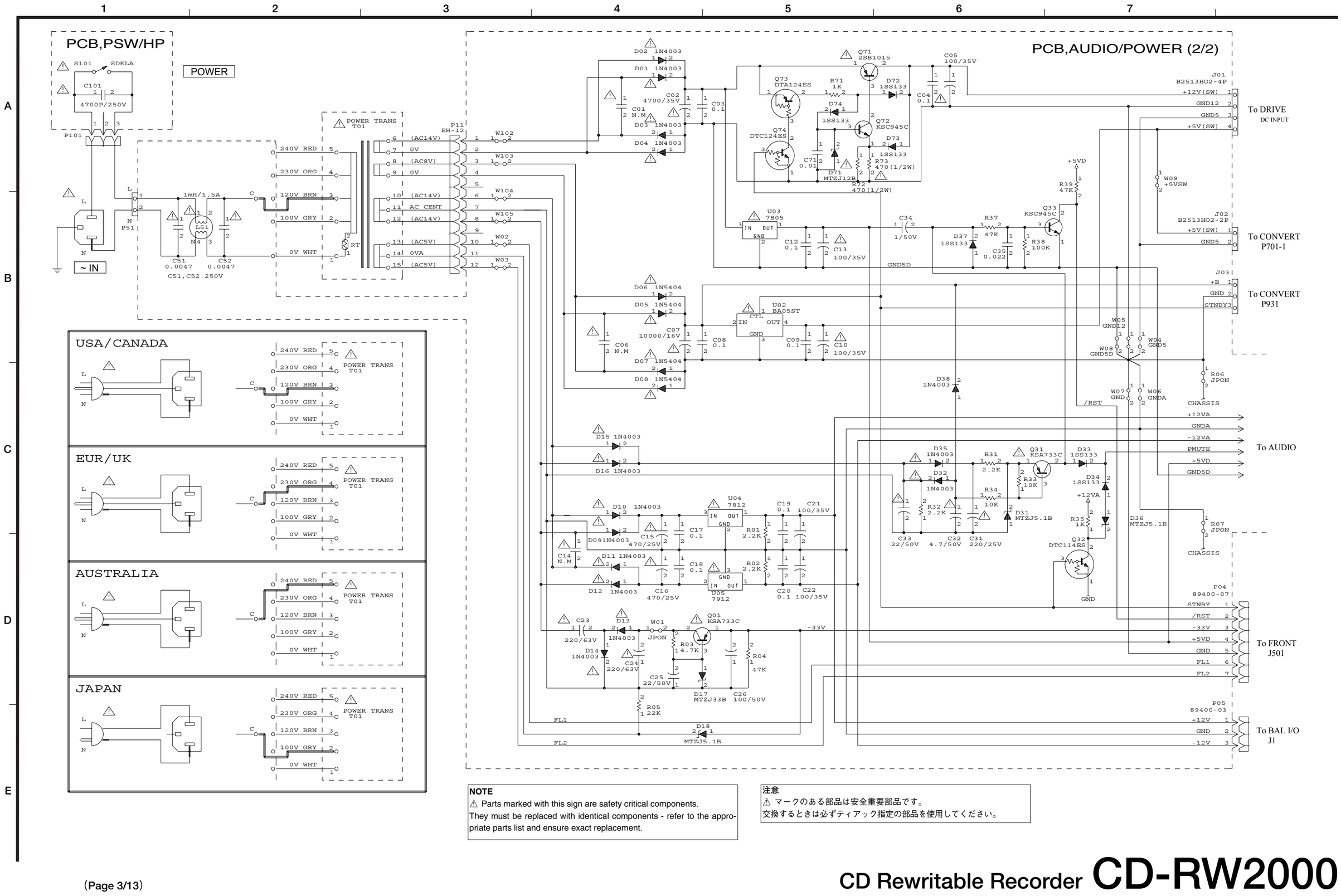


CD Rewritable Recoder **CD-RW2000**

SCHEMATIC DIAGRAM CD-RW2000 AUDIO/POWER PCB(1/2), VR PCB



SCHEMATIC DIAGRAM CD-RW2000 AUDIO/POWER PCB (2/2)

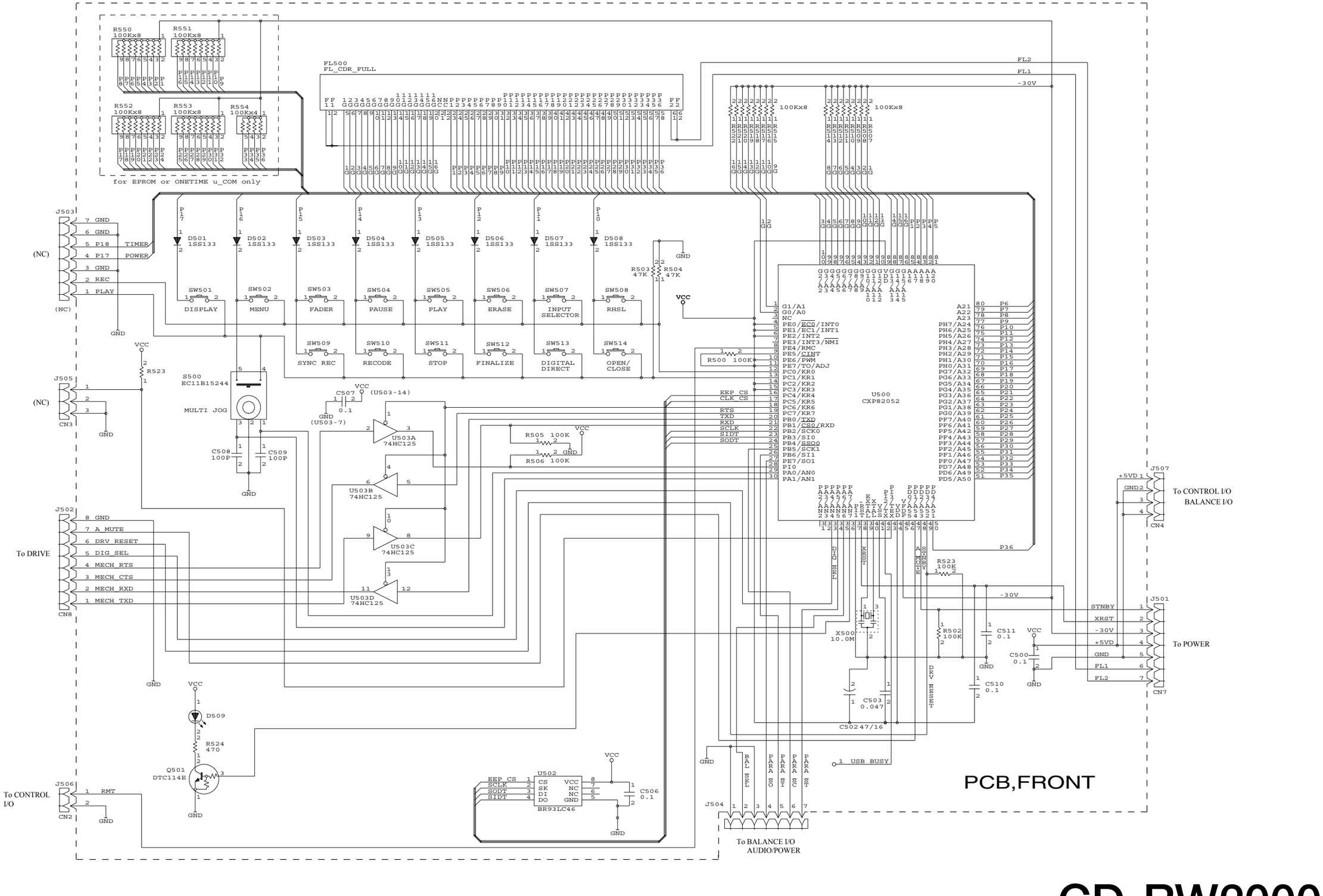


NOTE

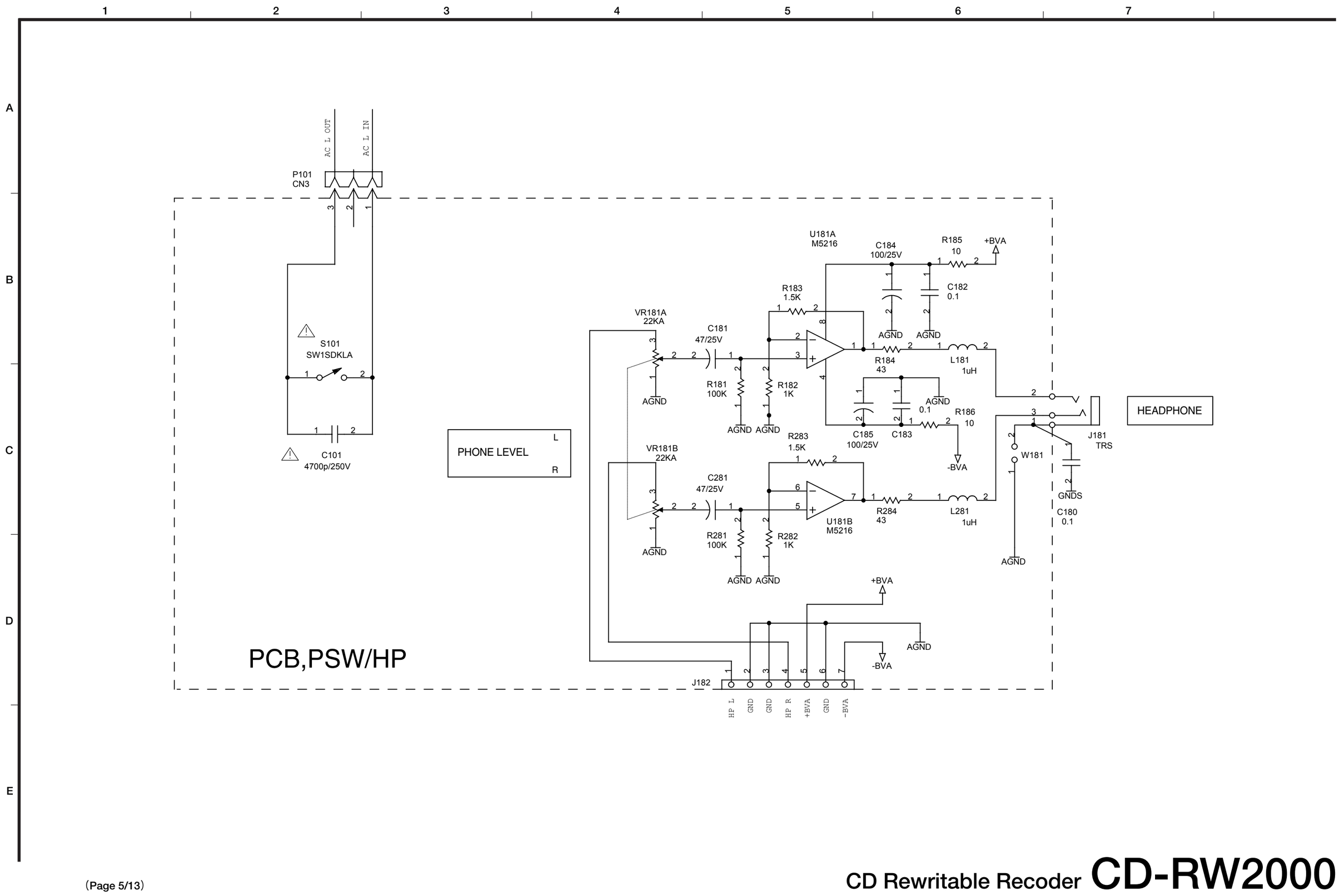
⚠ Parts marked with this sign are safety critical components.
They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.

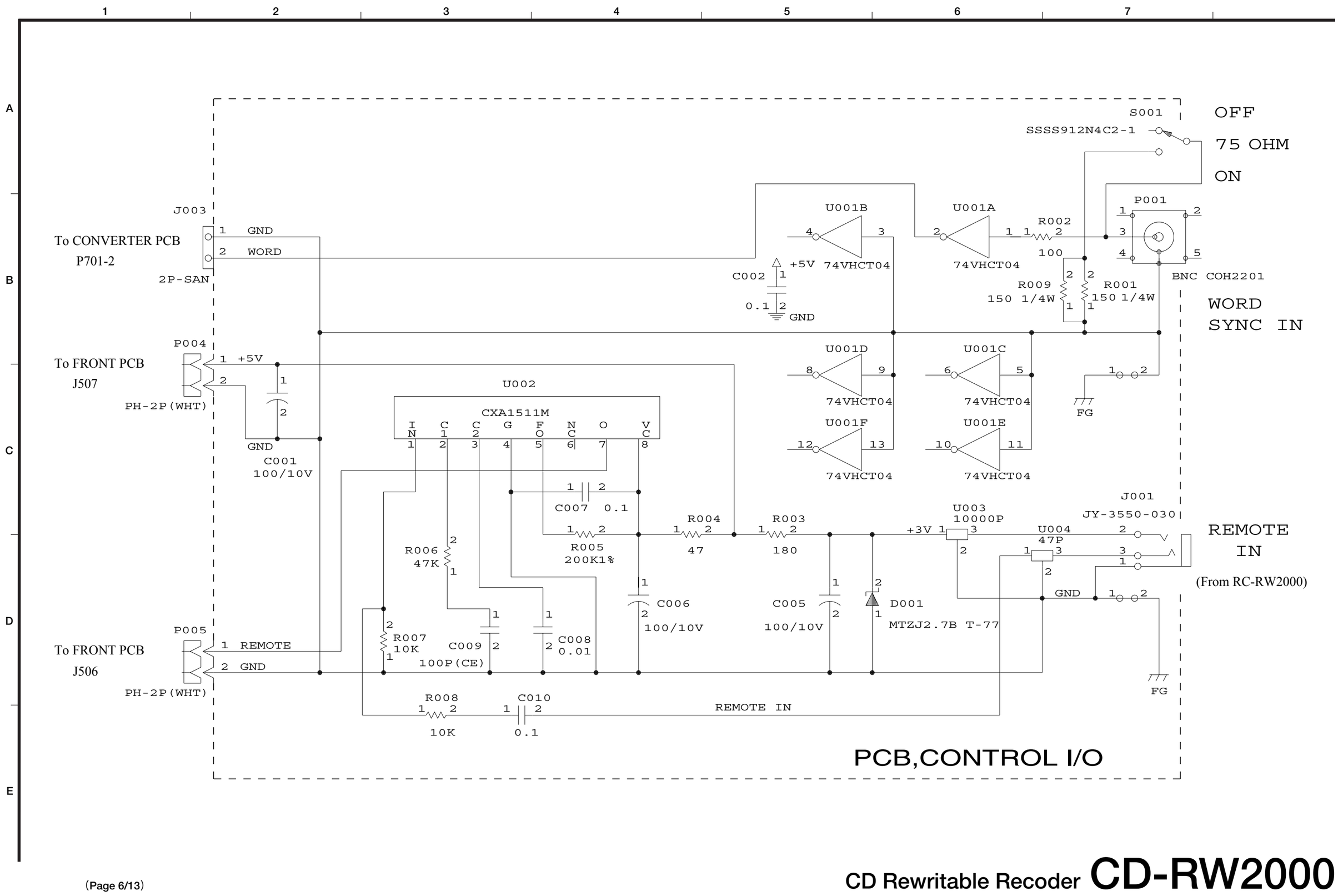
注意

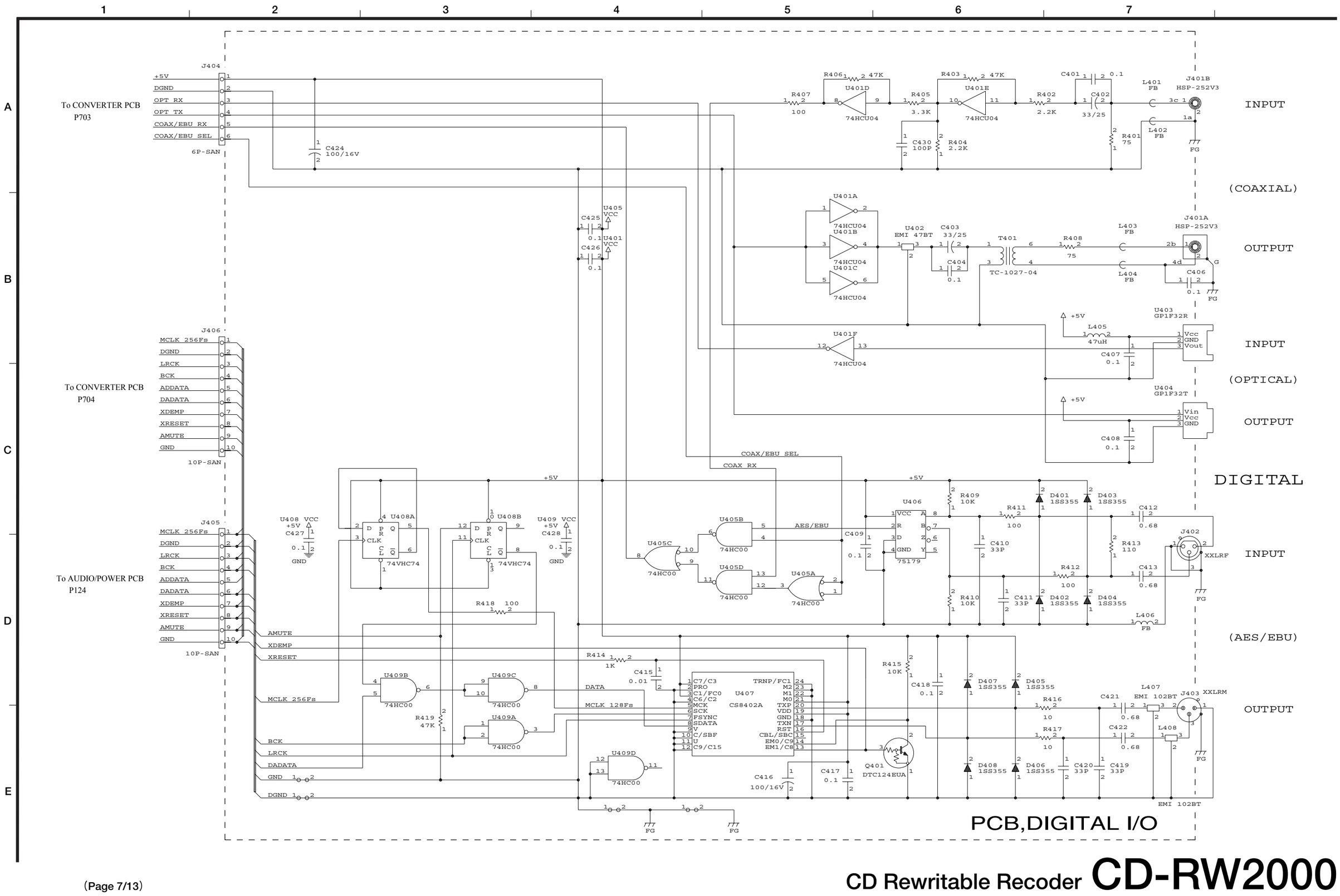
⚠ マークのある部品は安全重要部品です。
交換するときは必ずティアック指定の部品を使用してください。

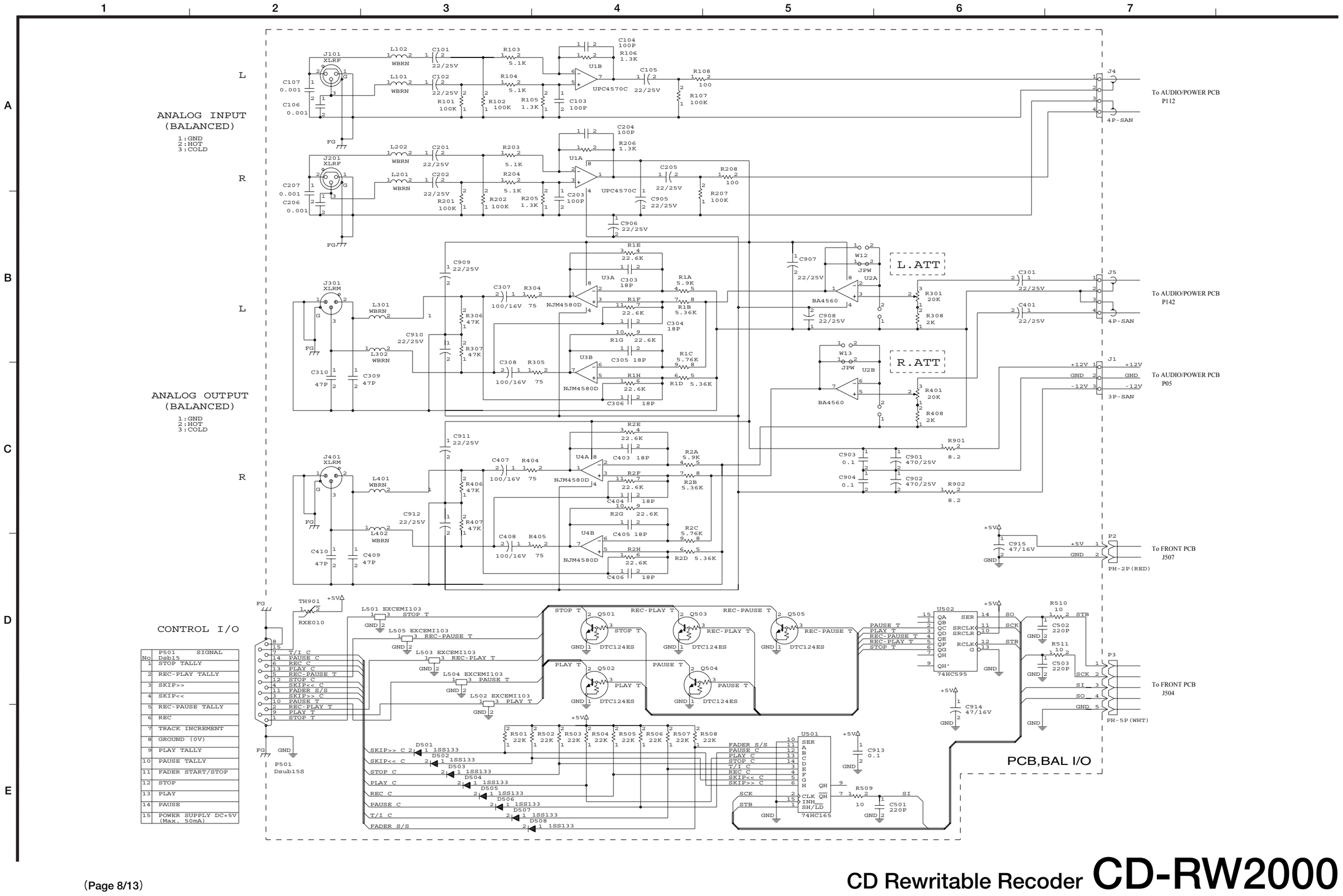


CD Rewritable Recoder **CD-RW2000**

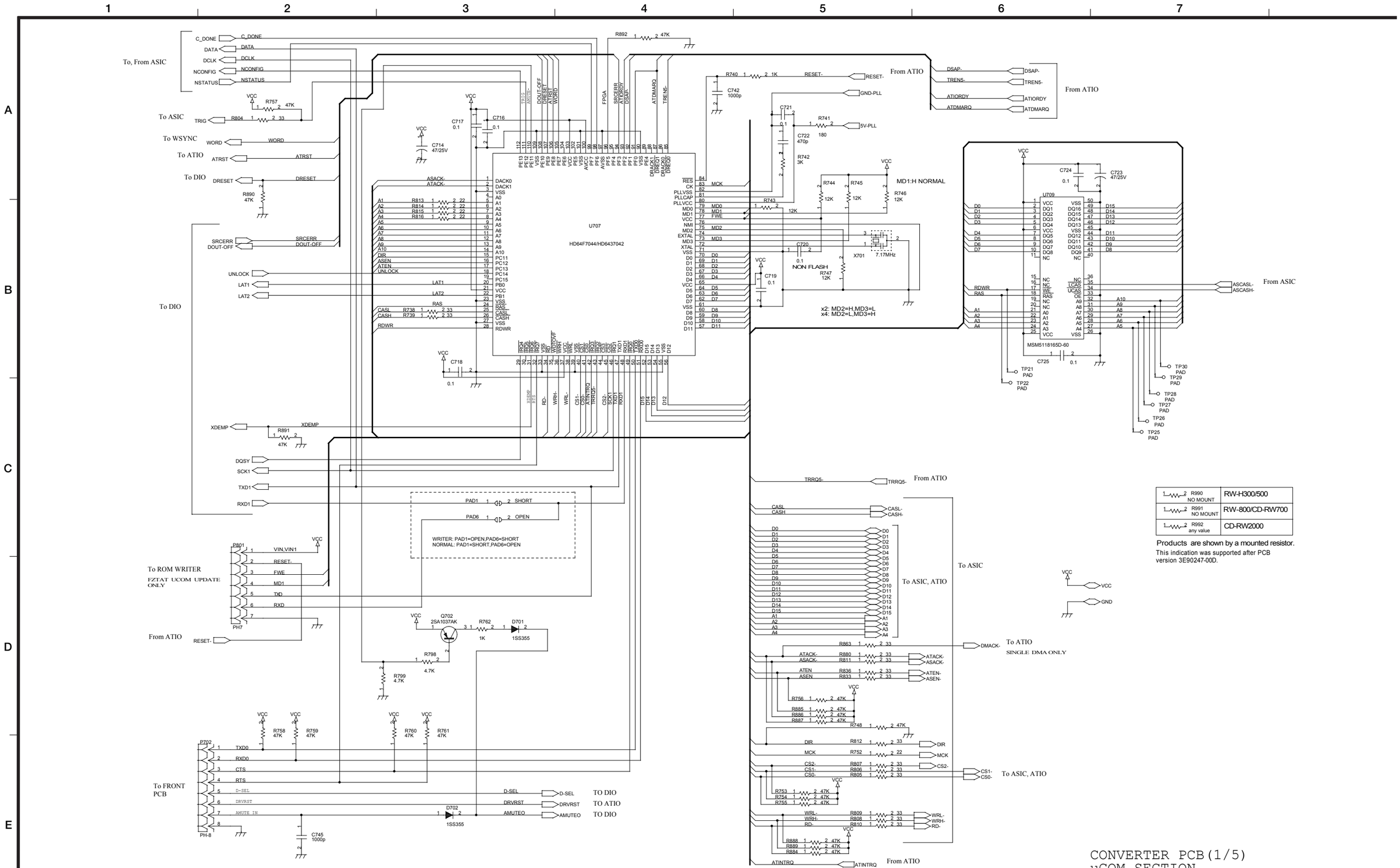

1
2
3
4
5
6
7
A
B
C
D
E
P101
CN3
AC L OUT
AC L IN
S101
SW1SDKLA
C101
4700p/250V
PHONE LEVEL
L
R
VR181A
22KA
C181
47/25V
R181
100K
R182
1K
AGND
U181A
M5216
R183
1.5K
C184
100/25V
R185
10
+BVA
C182
0.1
R184
43
L181
1uH
C185
100/25V
C183
0.1
R186
10
-BVA
R283
1.5K
VR181B
22KA
C281
47/25V
R281
100K
R282
1K
U181B
M5216
R284
43
L281
1uH
HEADPHONE
J181
TRS
W181
GNDS
C180
0.1
+BVA
-BVA
J182
HP L
GND
GND
HP R
+BVA
GND
-BVA
PCB,PSW/HP


1
2
3
4
5
6
7
A
B
C
D
E
J003
To CONVERTER PCB
P701-2
2P-SAN
1 GND
2 WORD
P004
To FRONT PCB
J507
PH-2P(WHT)
1 +5V
2
GND
C001
100/10V
U002
CXA1511M
IN C1 C2 G FO NC O VC
1 2 3 4 5 6 7 8
C007 0.1
R005
200K1%
R006
47K
R007
10K
C009
100P(CE)
C008
0.01
C006
100/10V
C005
100/10V
P005
To FRONT PCB
J506
PH-2P(WHT)
1 REMOTE
2 GND
R008
10K
C010
0.1
REMOTE IN
C002
0.1
+5V
GND
U001B
74VHCT04
U001A
74VHCT04
R002
100
R009
150 1/4W
R001
150 1/4W
S001
SSSS912N4C2-1
OFF
75 OHM
ON
P001
BNC COH2201
WORD
SYNC IN
U001D
74VHCT04
U001C
74VHCT04
FG
U001F
74VHCT04
U001E
74VHCT04
R004
47
R003
180
U003
10000P
+3V
U004
47P
J001
JY-3550-030
REMOTE
IN
(From RC-RW2000)
GND
D001
MTZJ2.7B T-77
FG
PCB,CONTROL I/O

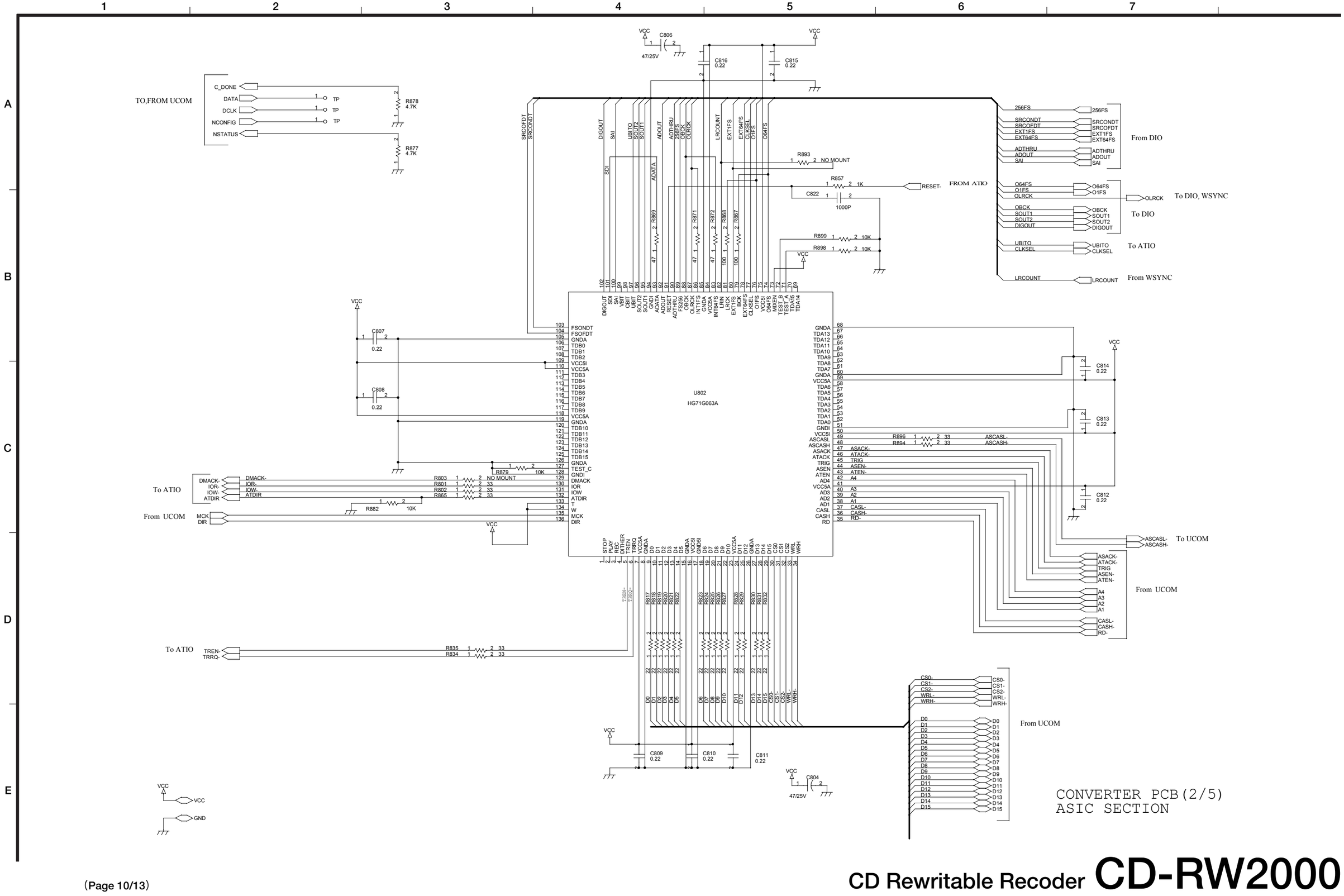

1
2
3
4
5
6
7
A
B
C
D
E
J404
+5V
DGND
OPT RX
OPT TX
COAX/EBU RX
COAX/EBU SEL
6P-SAN
To CONVERTER PCB
P703
C424
100/16V
R406 47K
R403 47K
C401 0.1
R407 100
U401D
74HCU04
R405 3.3K
U401E
74HCU04
R402 2.2K
C402 33/25
L401 FB
J401B HSP-252V3
INPUT
(COAXIAL)
C430 100P
R404 2.2K
R401 75
L402 FB
FG
U401A
74HCU04
U401B
74HCU04
U401C
74HCU04
U402 EMI 47BT
C403 33/25
T401 TC-1027-04
R408 75
L403 FB
J401A HSP-252V3
L404 FB
C404 0.1
C406 0.1
FG
OUTPUT
U405 VCC
C425 0.1
U401 VCC
C426 0.1
J406
MCLK 256Fs
DGND
LRCK
BCK
ADDATA
DADATA
XDEMP
XRESET
AMUTE
GND
10P-SAN
To CONVERTER PCB
P704
U401F
74HCU04
U403 GP1F32R
L405 47uH
C407 0.1
Vcc
GND
Vout
INPUT
(OPTICAL)
U404 GP1F32T
Vin
Vcc
GND
C408 0.1
OUTPUT
COAX/EBU SEL
COAX RX
J405
To AUDIO/POWER PCB
P124
U408 VCC
+5V
C427 0.1
GND
U408A
74VHC74
U408B
74VHC74
U409 VCC
C428 0.1
U405B
74HC00
U405C
74HC00
U405D
74HC00
U405A
74HC00
AES/EBU
U406
75179
C409 0.1
R409 10K
R411 100
C410 33P
D401 1SS355
D403 1SS355
C412 0.68
R413 110
J402 XXLRF
INPUT
R412 100
C411 33P
R410 10K
D402 1SS355
D404 1SS355
C413 0.68
FG
L406 FB
(AES/EBU)
R418 100
AMUTE
XDEMP
XRESET
MCLK 256Fs
BCK
LRCK
DADATA
GND
DGND
R414 1K
C415 0.01
U409B
74HC00
U409C
74HC00
U409A
74HC00
R419 47K
DATA
MCLK 128Fs
U409D
74HC00
U407 CS8402A
C1/C3
PRO
C1/FC0
C2/C2
MCK
SCK
FSYNC
SDATA
V
C/SBF
U
C9/C15
TRNP/FC1
M2
M1
M0
TXP
VDD
GND
TXN
RST
CBL/SBC
EM0/C9
EM1/C8
C416 100/16V
C417 0.1
Q401 DTC124EUA
R415 10K
C418 0.1
D407 1SS355
D405 1SS355
R416 10
C421 0.68
L407 EMI 102BT
J403 XXLRM
OUTPUT
R417 10
C422 0.68
L408
D408 1SS355
D406 1SS355
C420 33P
C419 33P
FG
EMI 102BT
PCB,DIGITAL I/O
DIGITAL


1
2
3
4
5
6
7
A
B
C
D
E
ANALOG INPUT
(BALANCED)
1:GND
2:HOT
3:COLD
L
R
J101
XLRF
J201
XLRF
L102
L101
L202
L201
WBRN
C101
C102
C201
C202
22/25V
C107
0.001
C106
0.001
C207
0.001
C206
0.001
FG
R103
R104
R203
R204
5.1K
R101
100K
R102
100K
R105
1.3K
R201
100K
R202
100K
R205
1.3K
C104
100P
R106
1.3K
C204
100P
R206
1.3K
U1B
U1A
UPC4570C
C103
100P
C203
100P
C105
C205
R108
R208
100
R107
100K
R207
100K
C905
22/25V
C906
22/25V
J4
4P-SAN
To AUDIO/POWER PCB
P112
ANALOG OUTPUT
(BALANCED)
1:GND
2:HOT
3:COLD
J301
XLRM
J401
XLRM
L301
L401
L302
L402
WBRN
C910
C912
C909
C911
22/25V
C310
C410
47P
C309
C409
47P
R306
47K
R307
47K
R406
47K
R407
47K
C307
C407
R304
R404
100/16V
75
C308
C408
R305
R405
NJM4580D
U3A
U4A
U3B
U4B
R1E
R2E
R1G
R2G
22.6K
R1A
R2A
5.9K
R1F
R2F
R1B
R2B
5.36K
R1C
R2C
5.76K
R1H
R2H
R1D
R2D
5.36K
C303
18P
C403
C304
C305
C405
C306
C406
C404
J5
4P-SAN
To AUDIO/POWER PCB
P142
C907
C908
22/25V
W12
W13
JPW
U2A
U2B
BA4560
L.ATT
R.ATT
R301
20K
R308
2K
R401
20K
R408
2K
C301
C401
22/25V
J1
3P-SAN
To AUDIO/POWER PCB
P05
+12V
GND
-12V
R901
8.2
C903
0.1
C904
0.1
C901
470/25V
C902
470/25V
R902
8.2
CONTROL I/O
P501 SIGNAL
No Dsub15
1 STOP TALLY
2 REC-PLAY TALLY
3 SKIP>>
4 SKIP<<
5 REC-PAUSE TALLY
6 REC
7 TRACK INCREMENT
8 GROUND (0V)
9 PLAY TALLY
10 PAUSE TALLY
11 FADER START/STOP
12 STOP
13 PLAY
14 PAUSE
15 POWER SUPPLY DC+5V
(Max. 50mA)
P501
Dsub15S
TH901
RXE010
+5V
GND
L501 EXCEMI103
L505 EXCEMI103
L503 EXCEMI103
L504 EXCEMI103
L502 EXCEMI103
STOP T
REC-PLAY T
REC-PAUSE T
PLAY T
PAUSE T
Q501
Q503
Q505
Q502
Q504
DTC124ES
T/I C
PAUSE C
REC C
PLAY C
REC-PAUSE T
STOP C
SKIP<< C
FADER S/S
SKIP>> C
PAUSE T
REC-PLAY T
PLAY T
STOP T
R501
R502
R503
R504
R505
R506
R507
R508
22K
D501
D502
D503
D504
D505
D506
D507
D508
1SS133
U501
74HC165
SER
A
B
C
D
E
F
G
H
QH
CLK
INH
SH/LD
SCK
STB
SI
C913
0.1
C501
220P
R509
10
U502
74HC595
QA
QB
QC
QD
QE
QF
QG
QH
QH'
SRCLK
SRCLR
RCLK
SO
R510
R511
C502
C503
220P
C914
47/16V
C915
47/16V
P2
P3
To FRONT PCB
J507
To FRONT PCB
J504
PH-2P(RED)
PH-5P(WHT)
PCB,BAL I/O

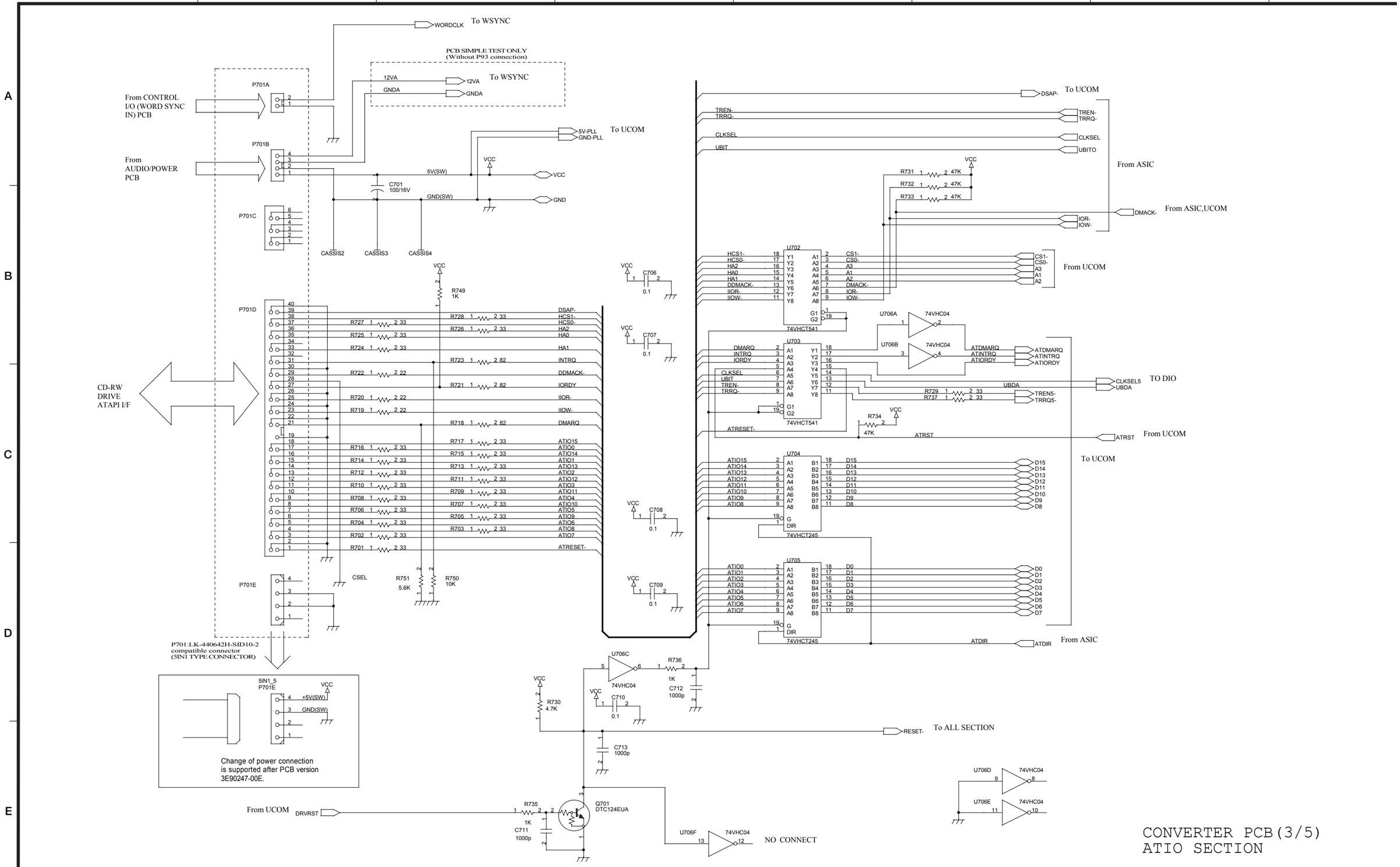
SCHEMATIC DIAGRAM CD-RW2000 CONVERTER PCB (1/5)



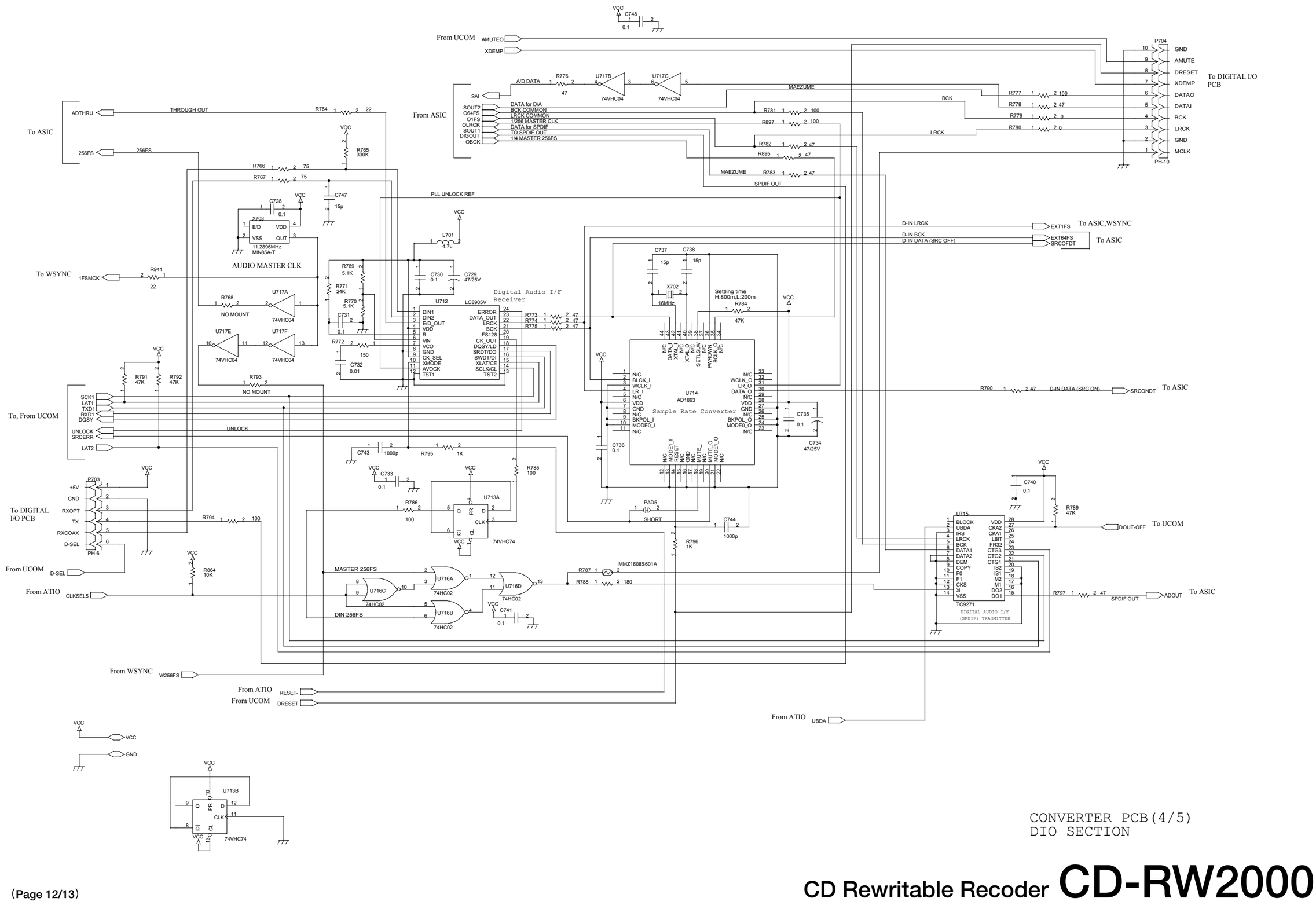
SCHEMATIC DIAGRAM CD-RW2000 CONVERTER PCB (2/5)



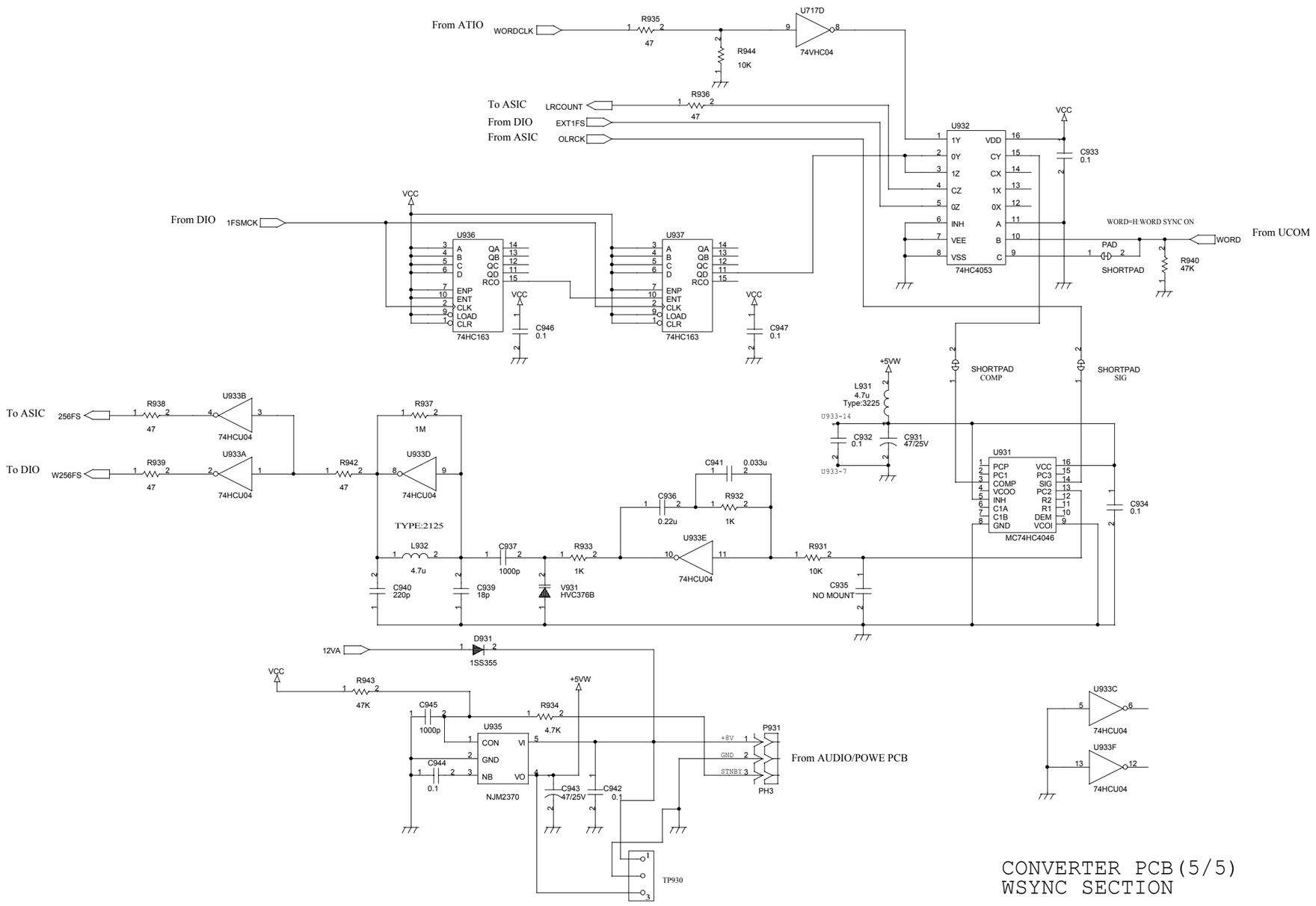
SCHEMATIC DIAGRAM CD-RW2000 CONVERTER PCB (3/5)



CONVERTER PCB(3/5)
ATIO SECTION



CONVERTER PCB(4/5)
DIO SECTION



CONVERTER PCB(5/5)
WSYNC SECTION