

7 Schematic Diagrams and PCB Silkscreen

7-1 MAIN BOARD

7-1-1 Schematic Diagrams

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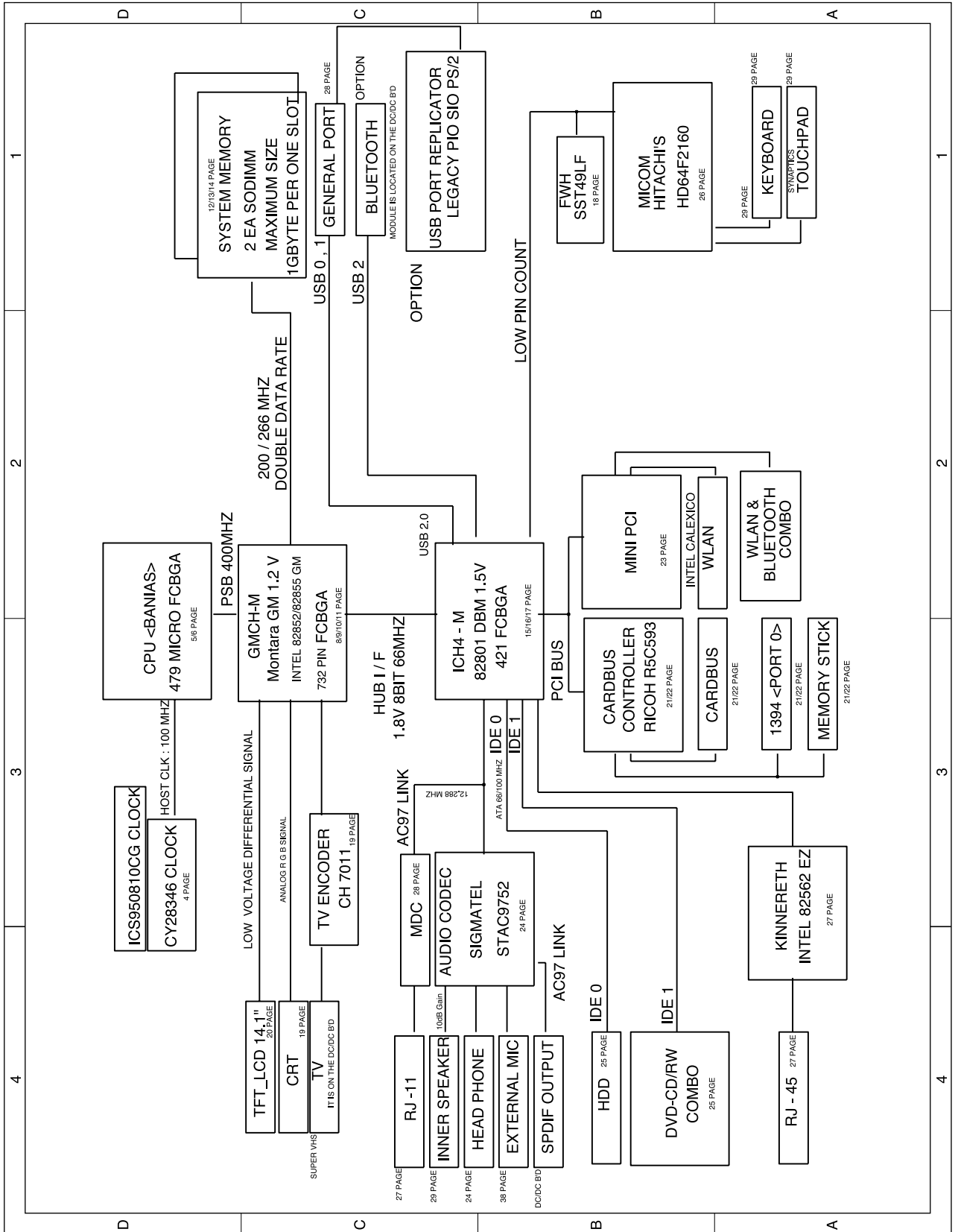
AQUILA P

CPU : BANIAS & DOTHAN
Chip Set : MONTARA - GM < GMCH>
Remarks : SENS X15

Model Name : AQUILA P MAIN
PBA Name : BA92-02264A
PCB Code : BA41-00389A
Dev. Step : PR
Revision : 1.4
T.R. Date : JULY 07 2003

DRAW	CHECK	APPROVAL
JIN HS	CHU KS	KIM DW

7-1-1(a) Main Board Schematic Sheet 2 of 40(Operation Block Diagram)



7-1-1(b) Main Board Schematic Sheet 3 of 40(Board Information)

SCHEMATIC ANNOTATIONS AND BOARD INFORMATION

PCI Devices

Devices	IDSEL#	REQ/INT#	Interrupts
Cardbus		1	A,B,C
MiniPCI SLOT1	AD19	2	E,F
MiniPCI MFG	AD28(internal)	-	USER2.0 #0 : A
USB	AD29(internal)	-	USER2.0 #1 : C
			USER2.0 #2 : C
Hub to PCI	AD30(internal)	-	B
LPC bridge/IDE/AC37/SMBUS	A031(internal)	-	

Voltage Rails

VDC	Primary DC system power supply (7 to 21V)
VCC_CORE	Core voltage for BANNAS CPU (1.256~0.844V)
VCC_MCH	ICH9M SATA Processor, System Bus(PSB) Termination (1.05V)
P1.5V_AUX	1.5V switched power rail (off in S3-S5)
P1.5V_AUX	1.5V power rail (off in S4-S5)
P1.8V_AUX	1.8V switched power rail (off in S3-S5)
P2.5V_AUX	2.5V switched power rail (off in S3-S5)
P2.5V_AUX	2.5V power rail (off in S4-S5)
MICOM_P3V	3.3V always on power rail for MICOM
P3.3V_AUX	3.3V switched power rail (off in S3-S5)
P5V_AUX	5.0V switched power rail (off in S3-S5)
P5V_AUX	5V power rail (off in S4-S5)
IS1625VCC_P5V	5V power rail (off in S4-S5)
P12V	12.0V switched power rail (off in S3-S5)

I² C / SMB Address

Devices	Address	Hex	Bus
ICH9M	Master	9Ch	SMBUS Master
ADM1032(CPU Thermal Sensor)	1001 110X	Adh	Thermal Sensor
SOCDMM0	1010 0000	-	-
CK488	1101 001X	D2h	Clock, Unused Clock Output Disable
ICS91718(Spread Spectrum)	1101 001X	-	-

USB PORT Assign

LOW FREQUENCY MODE	PORT NUMBER	ASSIGNED TO
OPTION 1	1	SYSTEM PORT A
OPTION 2	2	SYSTEM PORT B
OPTION 3	3	BLUETOOTH(For Aquile-C) BLUETOOTH(For Aquile-P)

System Power States

CHP3_SLP_S1* S1: Powered-On-Suspend(POS) : In this state, all clocks(except the 32.768KHz clock) are stopped, in system DRAM. Power is maintained to PCI, the CPU memory, controller, memory, and all other critical subsystems. This state is maintained in order to prevent power being removed from non-volatile devices, such as disk, direct. During this state, CPU can be accessed for either Deep Sleep or Deep Sleep.

In Deep Sleep, CPU voltage reduced in this state to reduce the leakage power.

CHP3_SLP_S3* S3: Suspend-To-RAM(ST-R) : The system context is maintained in system DRAM, but power is shut off to non-critical circuits. Memory is retained, and refreshes continue. All clocks stop except RTC clock.

CHP3_SLP_S4* S4: Suspend-To-Disk(STD) : The Context of the system is maintained on the disk. All power is then shut off to the system except for the logic required to resume. Externally appears same as S5, but may have different wake events.

CHP3_SLP_S5* S5: Soft Off(SOFF) : System context is not maintained. All power is shut off except for the logic required to restart. A full boot is required when waking.

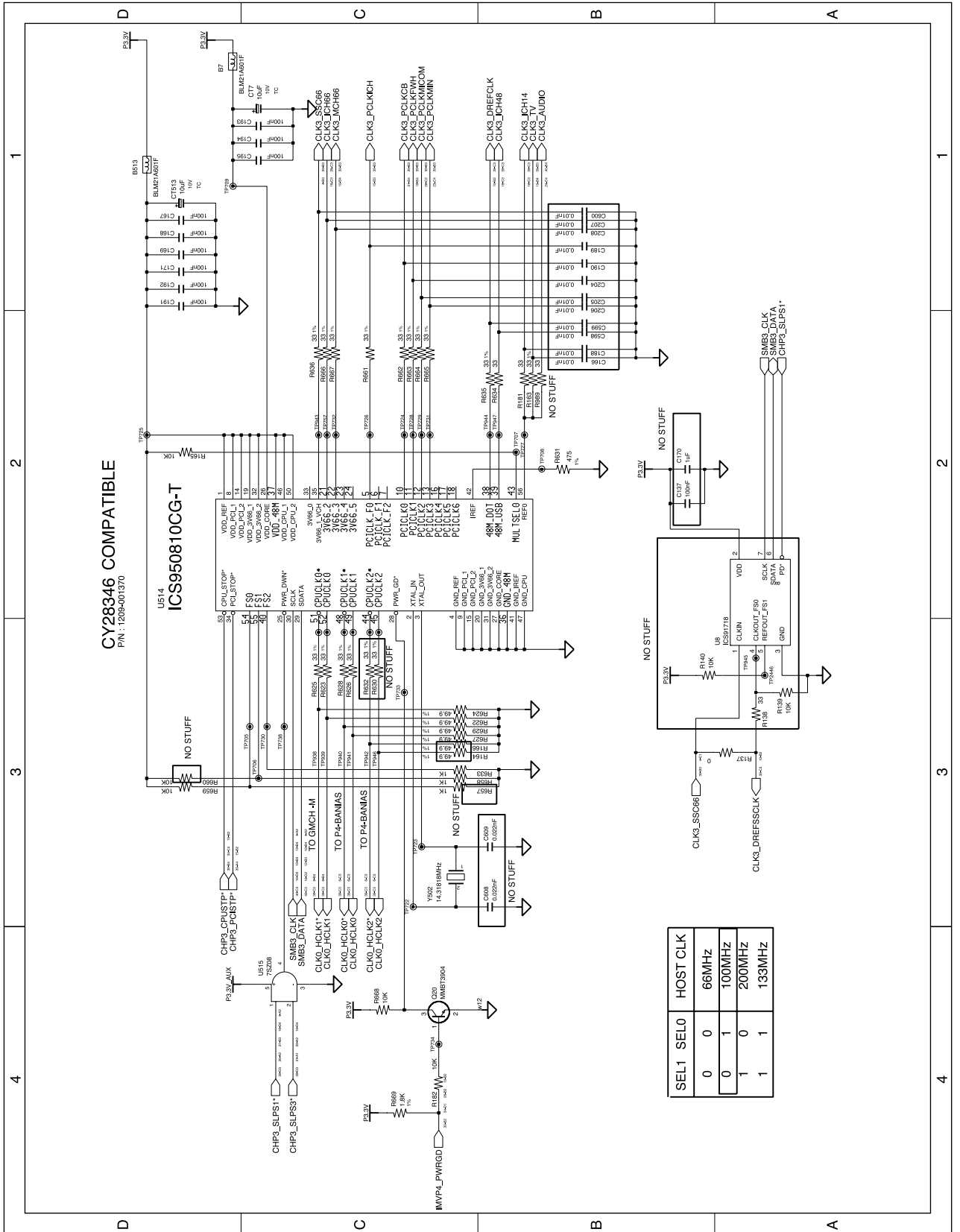
CPU Core Voltage Table

	VID5	VID4	VID3	VID2	VID1	VID0	Voltage
0	0	0	0	0	0	0	1.708 V
0	0	0	0	0	0	1	1.676 V
0	0	0	0	0	0	2	1.644 V
0	0	0	0	0	0	3	1.612 V
0	0	0	0	0	0	4	1.580 V
0	0	0	0	0	0	5	1.548 V
0	0	0	0	0	0	6	1.516 V
0	0	0	0	0	0	7	1.484 V
0	0	0	0	0	0	8	1.452 V
0	0	0	0	0	0	9	1.420 V
0	0	0	0	0	0	10	1.388 V
0	0	0	0	0	0	11	1.356 V
0	0	0	0	0	0	12	1.324 V
0	0	0	0	0	0	13	1.292 V
0	0	0	0	0	0	14	1.260 V
0	0	0	0	0	0	15	1.228 V
0	0	0	0	0	0	16	1.196 V
0	0	0	0	0	0	17	1.164 V
0	0	0	0	0	0	18	1.132 V
0	0	0	0	0	0	19	1.100 V
0	0	0	0	0	0	20	1.068 V
0	0	0	0	0	0	21	1.036 V
0	0	0	0	0	0	22	1.004 V
0	0	0	0	0	0	23	0.972 V
0	0	0	0	0	0	24	0.940 V
0	0	0	0	0	0	25	0.908 V
0	0	0	0	0	0	26	0.876 V
0	0	0	0	0	0	27	0.844 V
0	0	0	0	0	0	28	0.812 V
0	0	0	0	0	0	29	0.780 V
0	0	0	0	0	0	30	0.748 V
0	0	0	0	0	0	31	0.716 V
0	0	0	0	0	0	32	0.684 V
0	0	0	0	0	0	33	0.652 V
0	0	0	0	0	0	34	0.620 V
0	0	0	0	0	0	35	0.588 V
0	0	0	0	0	0	36	0.556 V
0	0	0	0	0	0	37	0.524 V
0	0	0	0	0	0	38	0.492 V
0	0	0	0	0	0	39	0.460 V
0	0	0	0	0	0	40	0.428 V
0	0	0	0	0	0	41	0.396 V
0	0	0	0	0	0	42	0.364 V
0	0	0	0	0	0	43	0.332 V
0	0	0	0	0	0	44	0.300 V
0	0	0	0	0	0	45	0.268 V
0	0	0	0	0	0	46	0.236 V
0	0	0	0	0	0	47	0.204 V
0	0	0	0	0	0	48	0.172 V
0	0	0	0	0	0	49	0.140 V
0	0	0	0	0	0	50	0.108 V
0	0	0	0	0	0	51	0.076 V
0	0	0	0	0	0	52	0.044 V
0	0	0	0	0	0	53	0.012 V
0	0	0	0	0	0	54	0.000 V
0	0	0	0	0	0	55	0.000 V
0	0	0	0	0	0	56	0.000 V
0	0	0	0	0	0	57	0.000 V
0	0	0	0	0	0	58	0.000 V
0	0	0	0	0	0	59	0.000 V
0	0	0	0	0	0	60	0.000 V
0	0	0	0	0	0	61	0.000 V
0	0	0	0	0	0	62	0.000 V
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0	0	0	0	0	0	64	0.000 V
0	0	0	0	0	0	65	0.000 V
0	0	0	0	0	0	66	0.000 V
0	0	0	0	0	0	67	0.000 V
0	0	0	0	0	0	68	0.000 V
0	0	0	0	0	0	69	0.000 V
0	0	0	0	0	0	70	0.000 V
0	0	0	0	0	0	71	0.000 V
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0	0	0	0	0	0	73	0.000 V
0	0	0	0	0	0	74	0.000 V
0	0	0	0	0	0	75	0.000 V
0	0	0	0	0	0	76	0.000 V
0	0	0	0	0	0	77	0.000 V
0	0	0	0	0	0	78	0.000 V
0	0	0	0	0	0	79	0.000 V
0	0	0	0	0	0	80	0.000 V
0	0	0	0	0	0	81	0.000 V
0	0	0	0	0	0	82	0.000 V
0	0	0	0	0	0	83	0.000 V
0	0	0	0	0	0	84	0.000 V
0	0	0	0	0	0	85	0.000 V
0	0	0	0	0	0	86	0.000 V
0	0	0	0	0	0	87	0.000 V
0	0	0	0	0	0	88	0.000 V
0	0	0	0	0	0	89	0.000 V
0	0	0	0	0	0	90	0.000 V
0	0	0	0	0	0	91	0.000 V
0	0	0	0	0	0	92	0.000 V
0	0	0	0	0	0	93	0.000 V
0	0	0	0	0	0	94	0.000 V
0	0	0	0	0	0	95	0.000 V
0	0	0	0	0	0	96	0.000 V
0	0	0	0	0	0	97	0.000 V
0	0	0	0	0	0	98	0.000 V
0	0	0	0	0	0	99	0.000 V
0	0	0	0	0	0	100	0.000 V

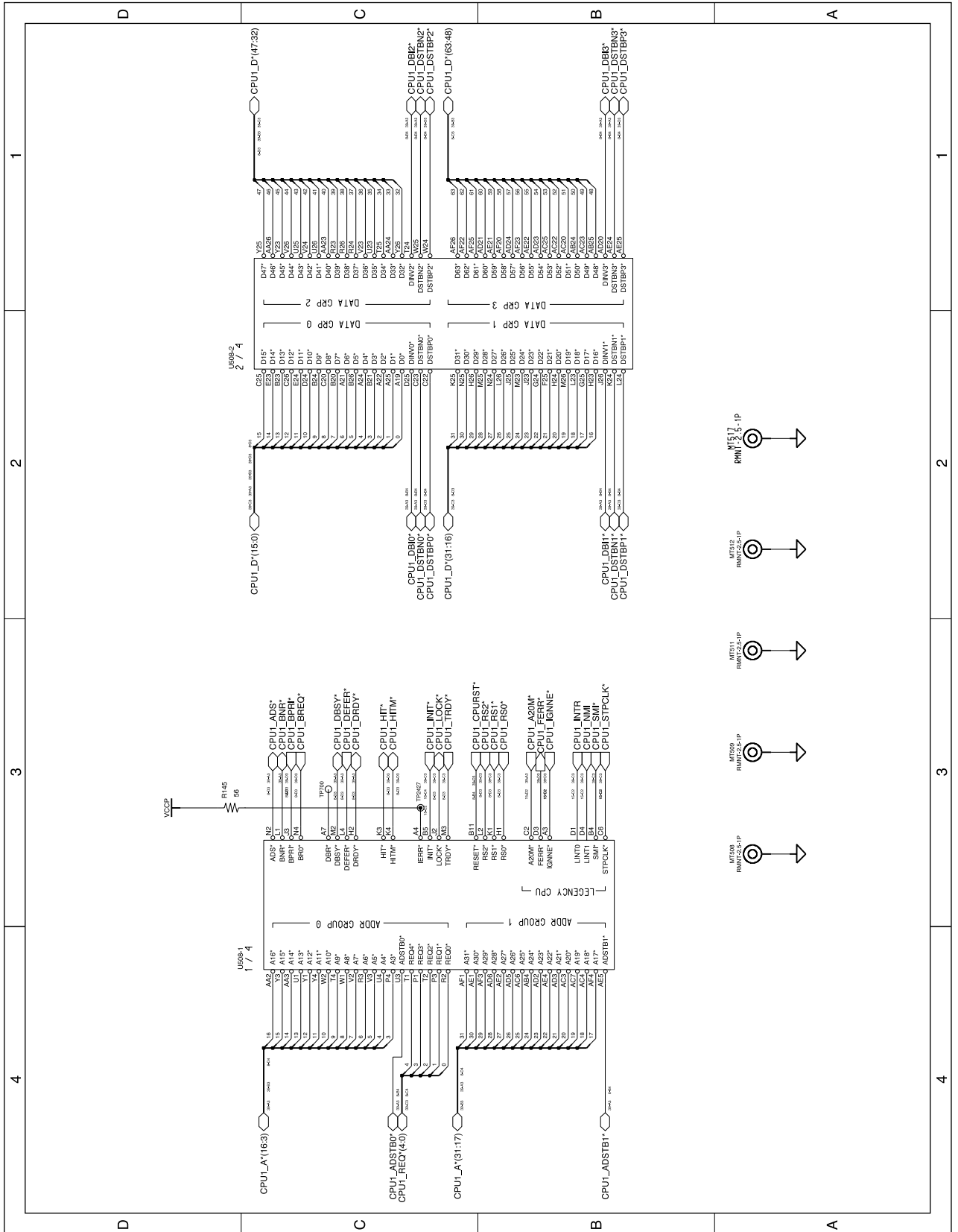
REVISION HISTORY

See revision notes in the changes file for more information.

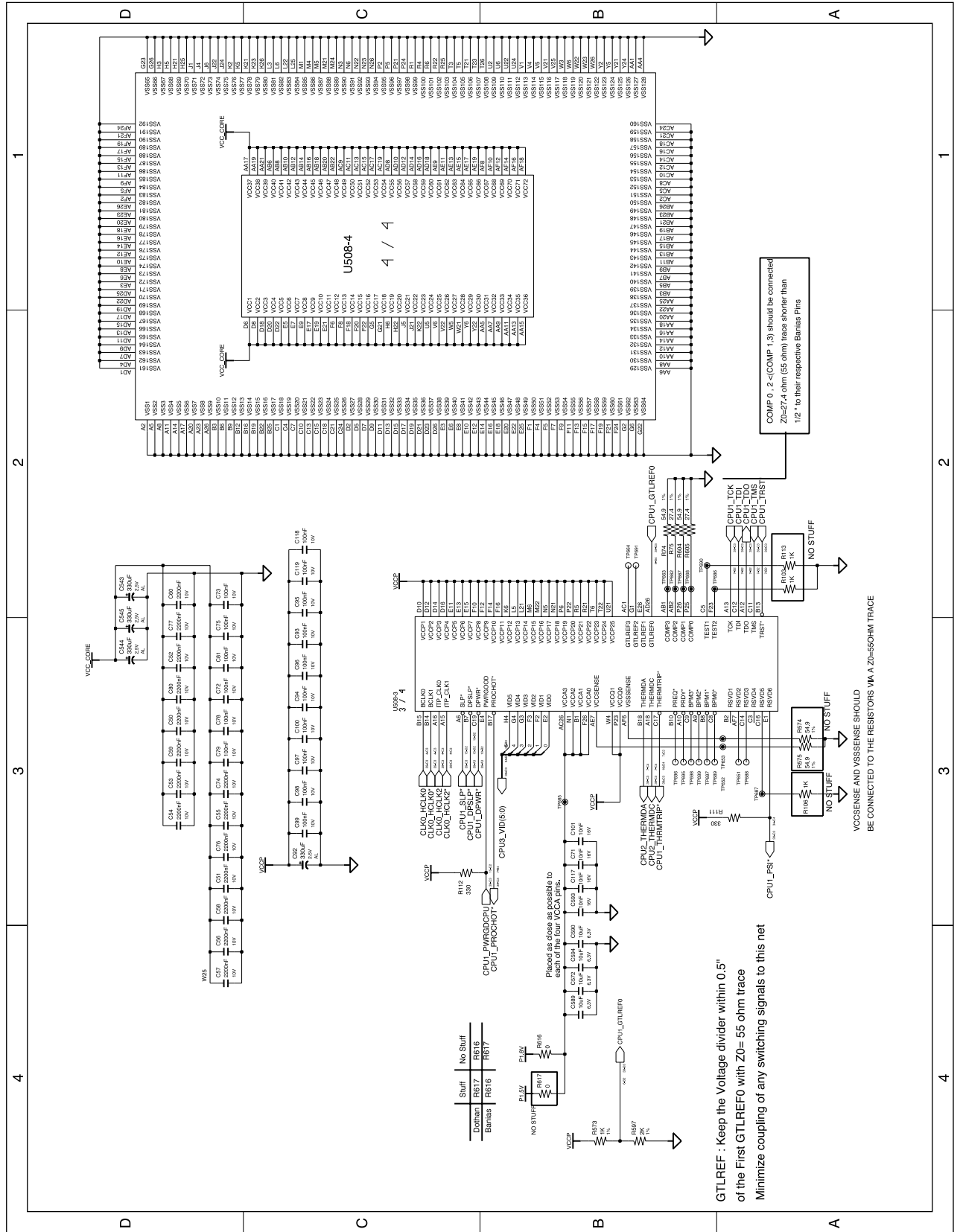
7-1-1(c) Main Board Schematic Sheet 4 of 40(Clock Generator)



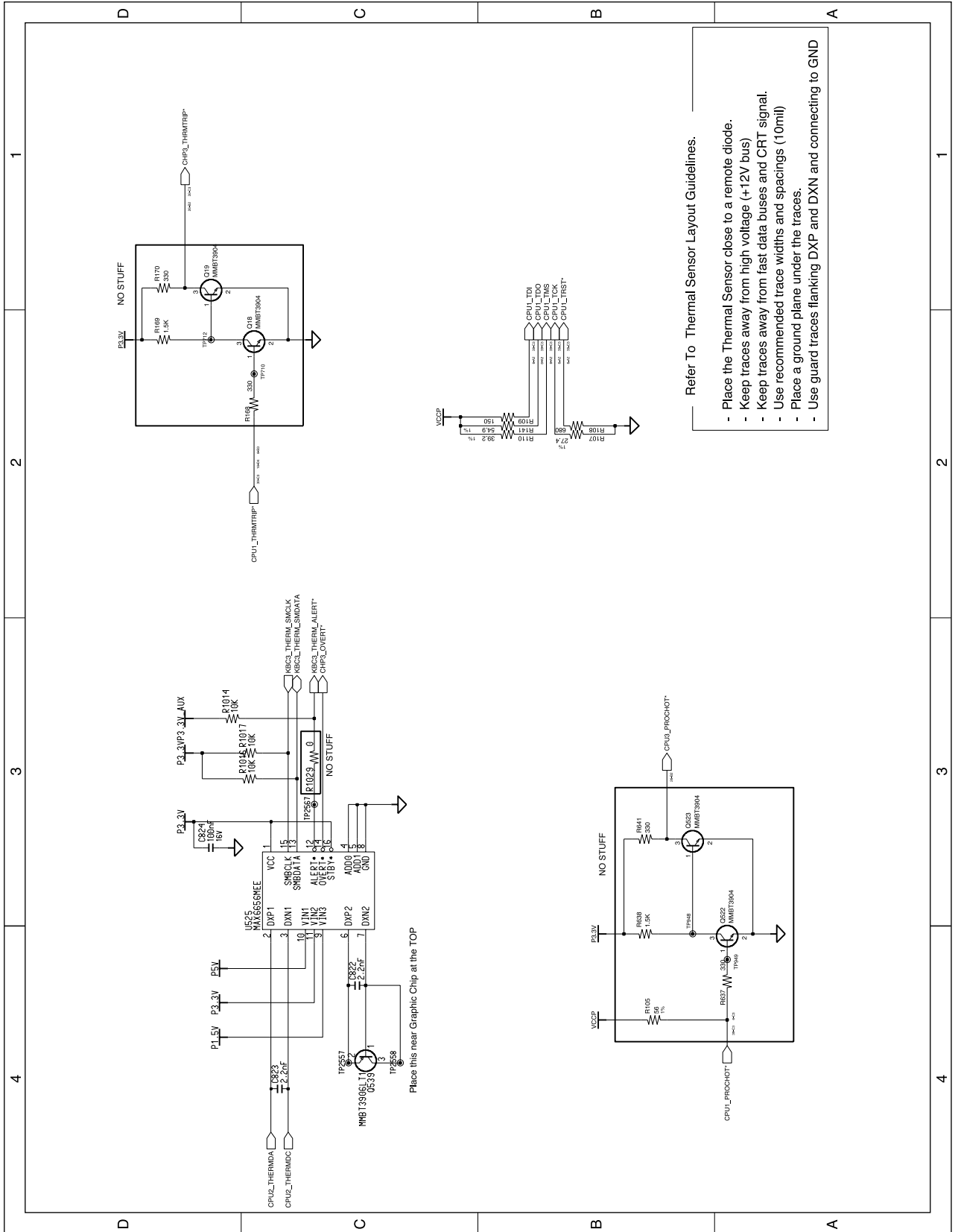
7-1-1(d) Main Board Schematic Sheet 5 of 40(Banias CPU)



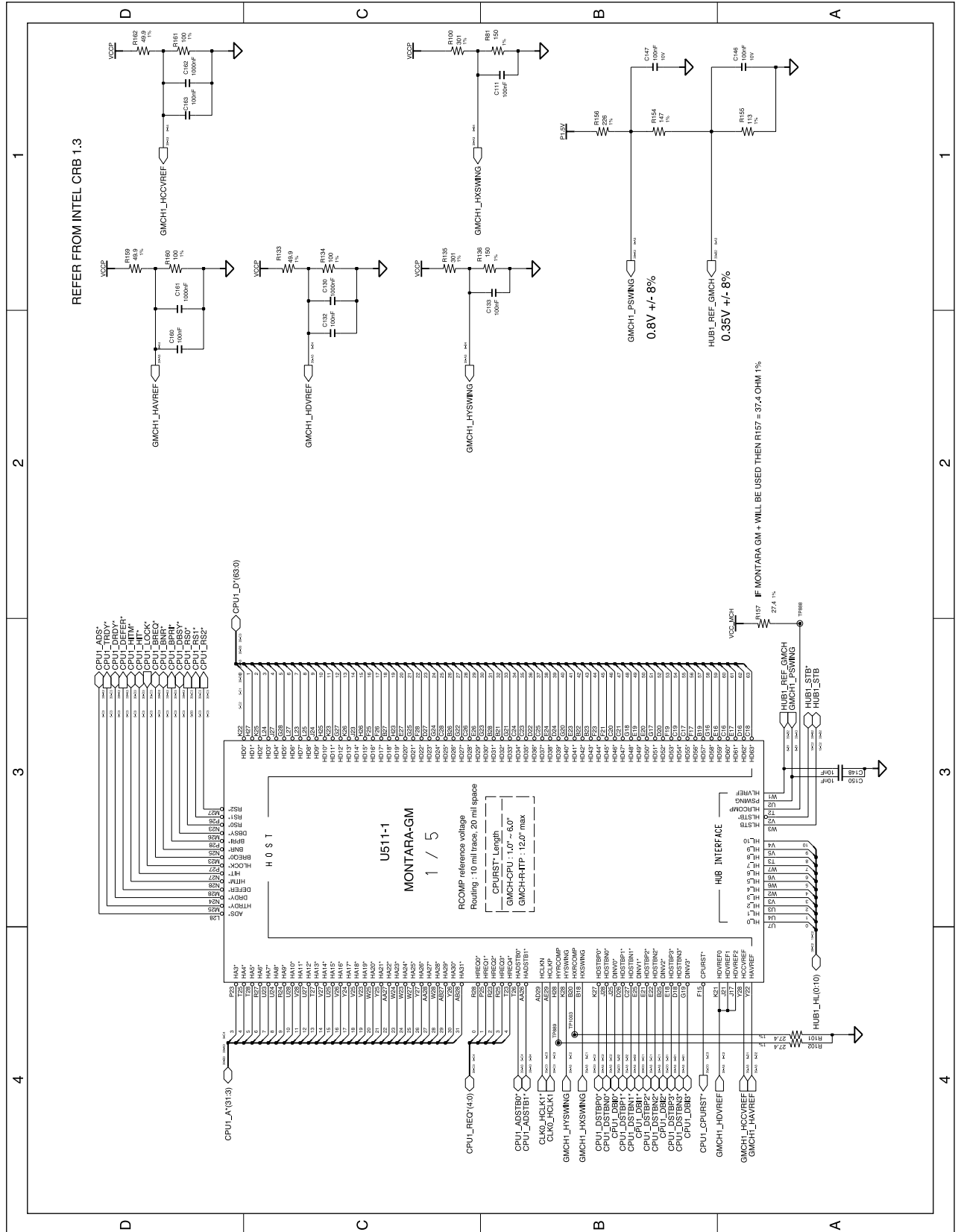
7-1-1(e) Main Board Schematic Sheet 6 of 40(Banias CPU)



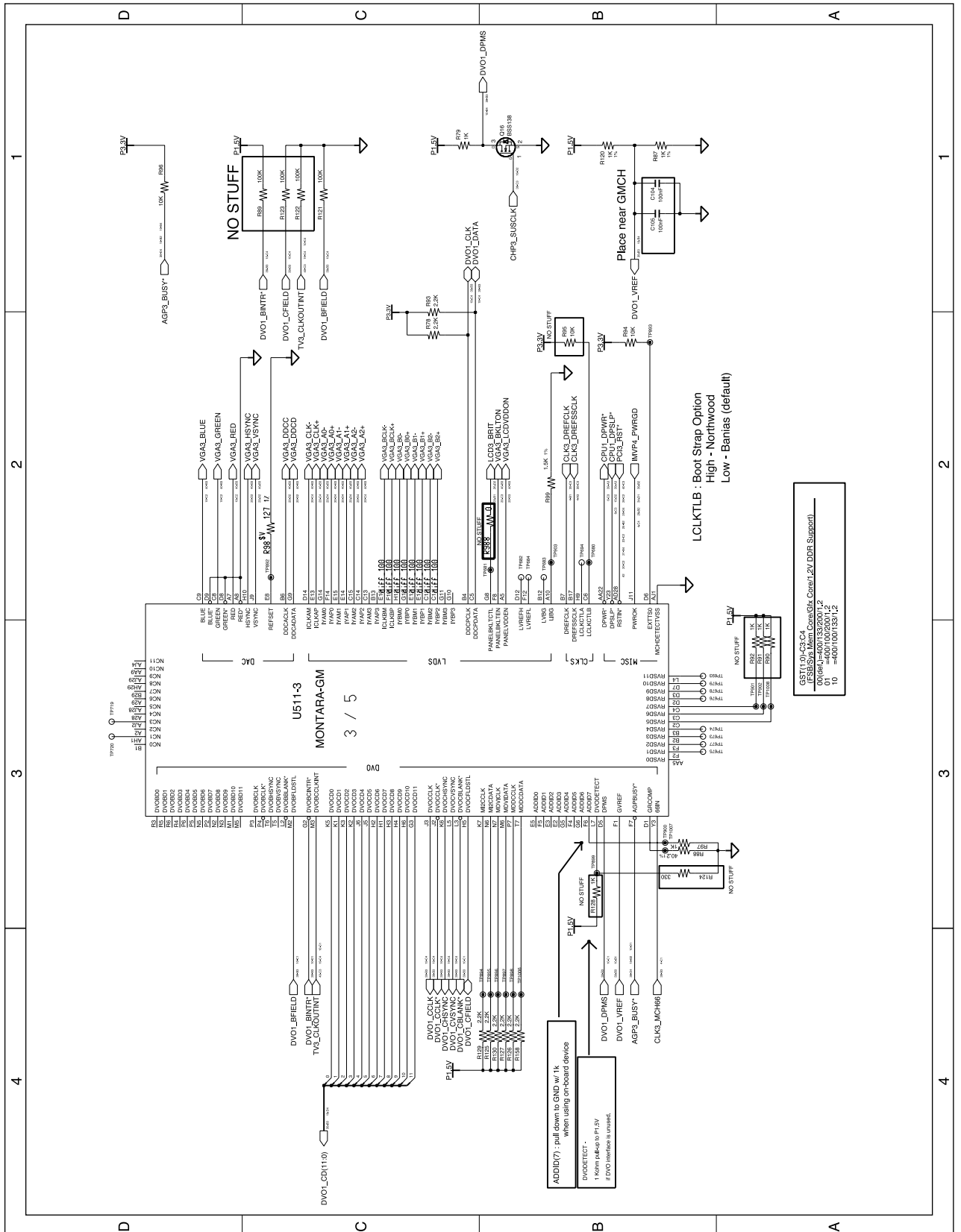
7-1-1(f) Main Board Schematic Sheet 7 of 40(Thermal Sensor & VID)



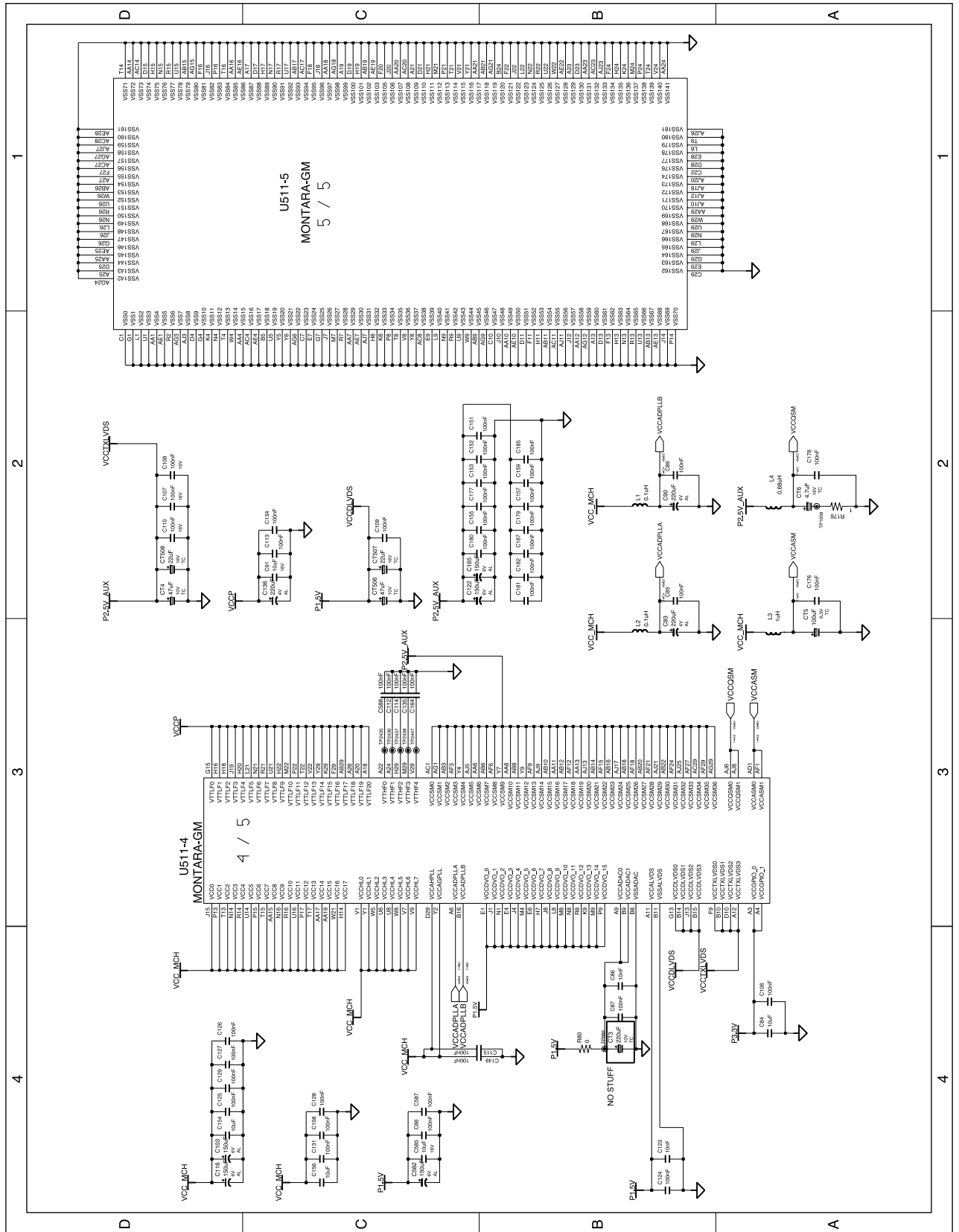
7-1-1(g) Main Board Schematic Sheet 8 of 40(MONTARA-GM-1<GMCH>)



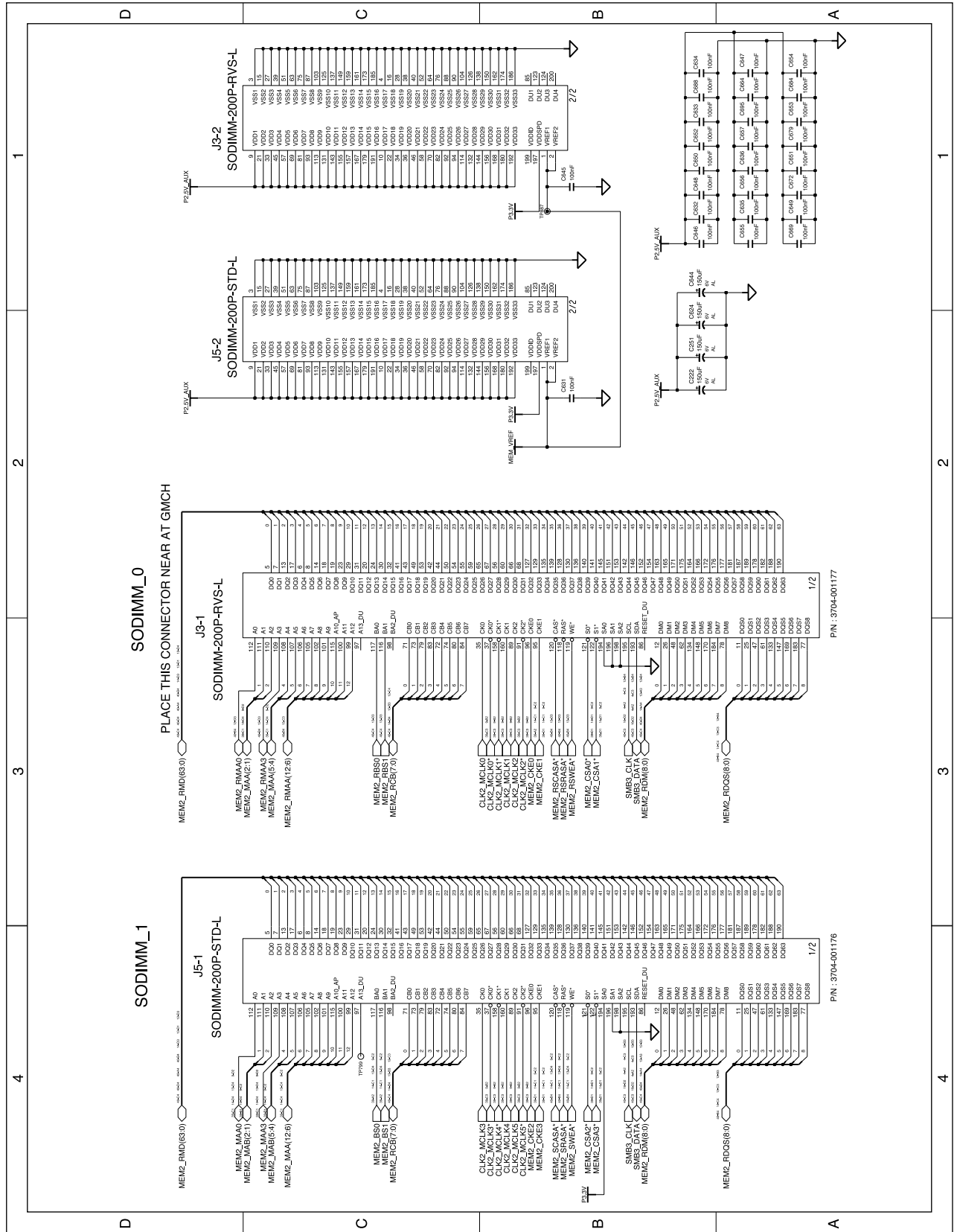
7-1-1(i) Main Board Schematic Sheet 10 of 40(MONTARA-GM-3<GMCH>)



7-1-1(j) Main Board Schematic Sheet 11 of 40(MONTARA-GM-4<GMCH>)



7-1-1(k) Main Board Schematic Sheet 12 of 40(DDR-SODIMM)

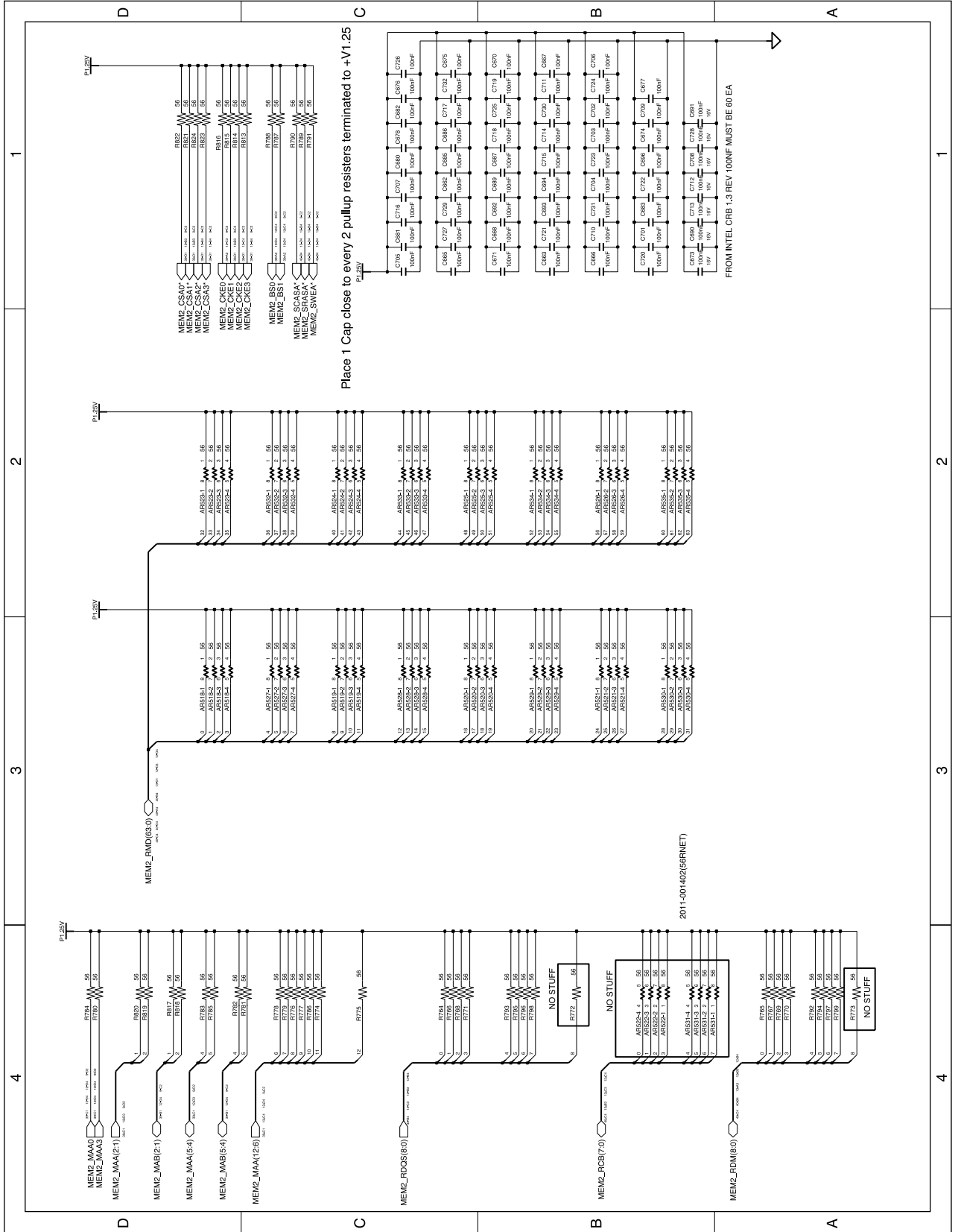


PLACE THIS CONNECTOR NEAR AT GMCH

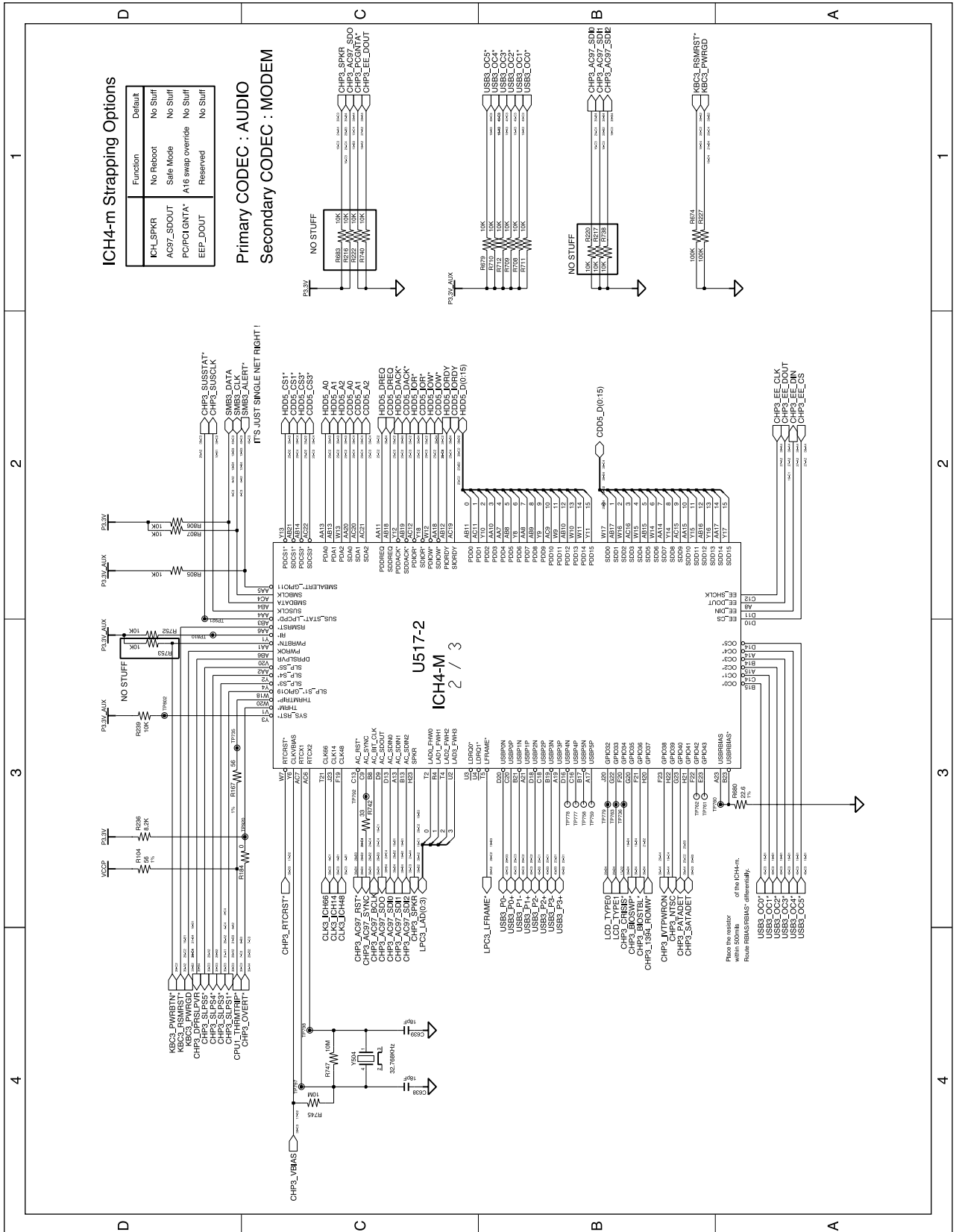
PN: 3704-001177

PN: 3704-001176

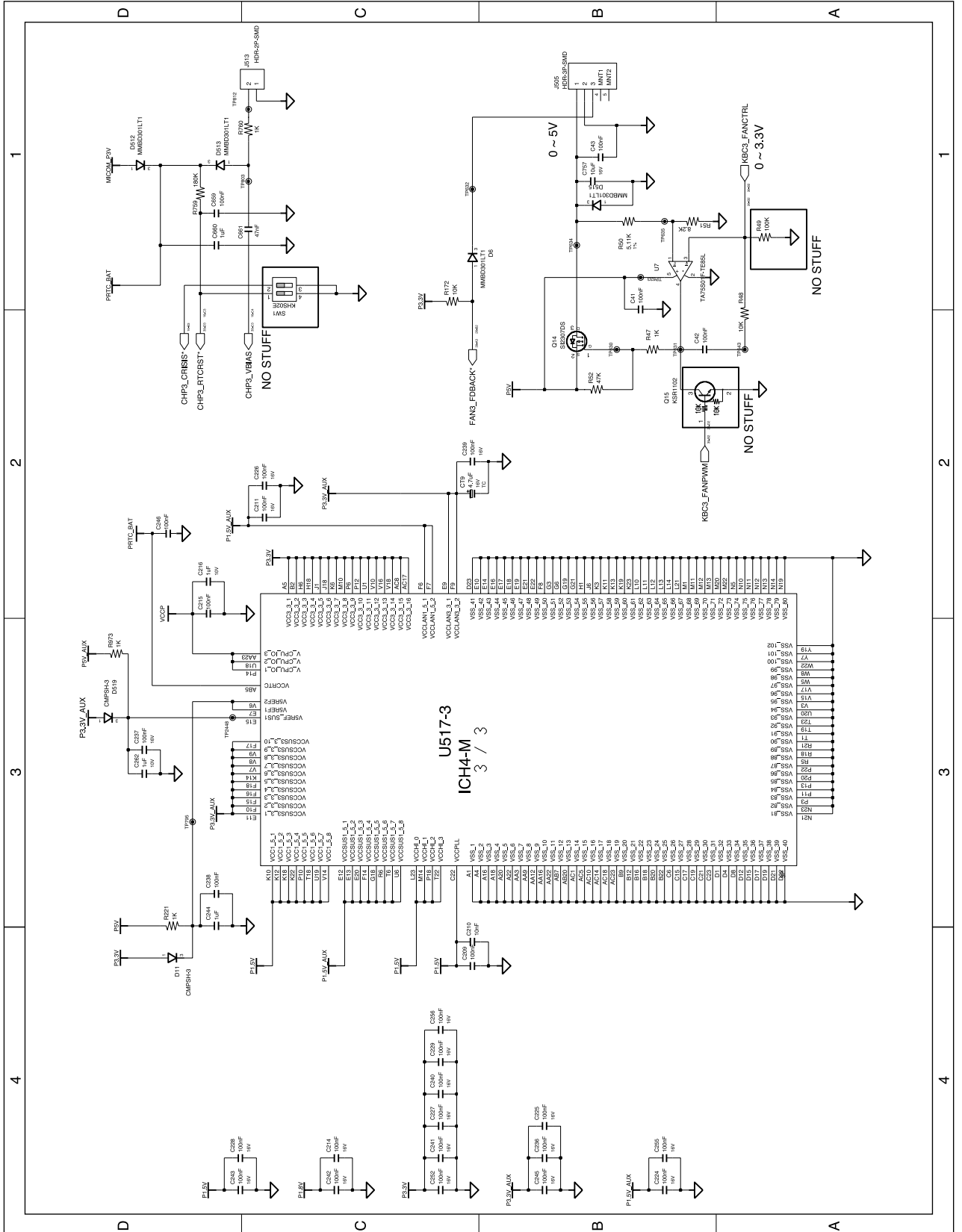
7-1-1(m) Main Board Schematic Sheet 14 of 40(DDR-P Termination)



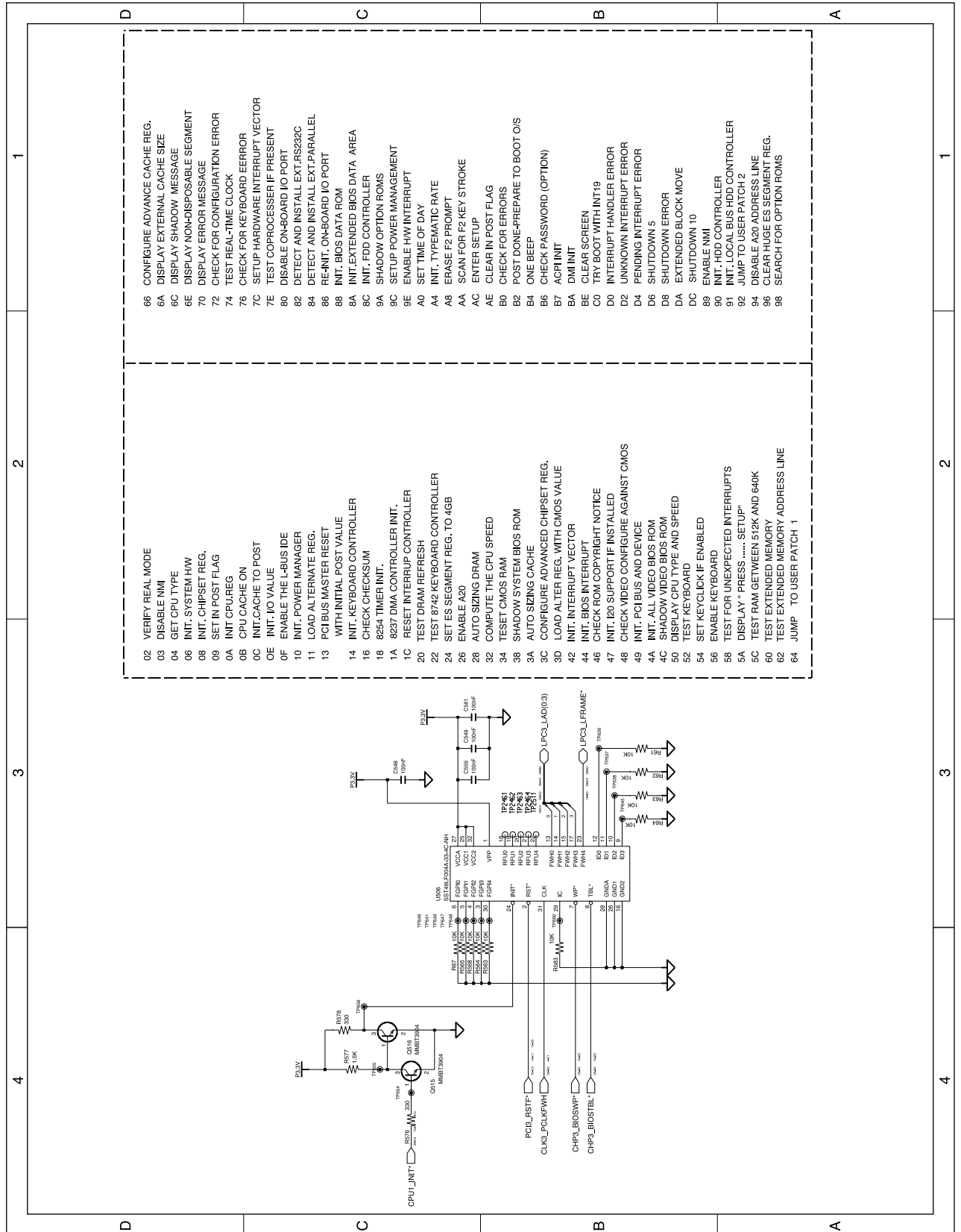
7-1-1(o) Main Board Schematic Sheet 16 of 40(ICH-4)



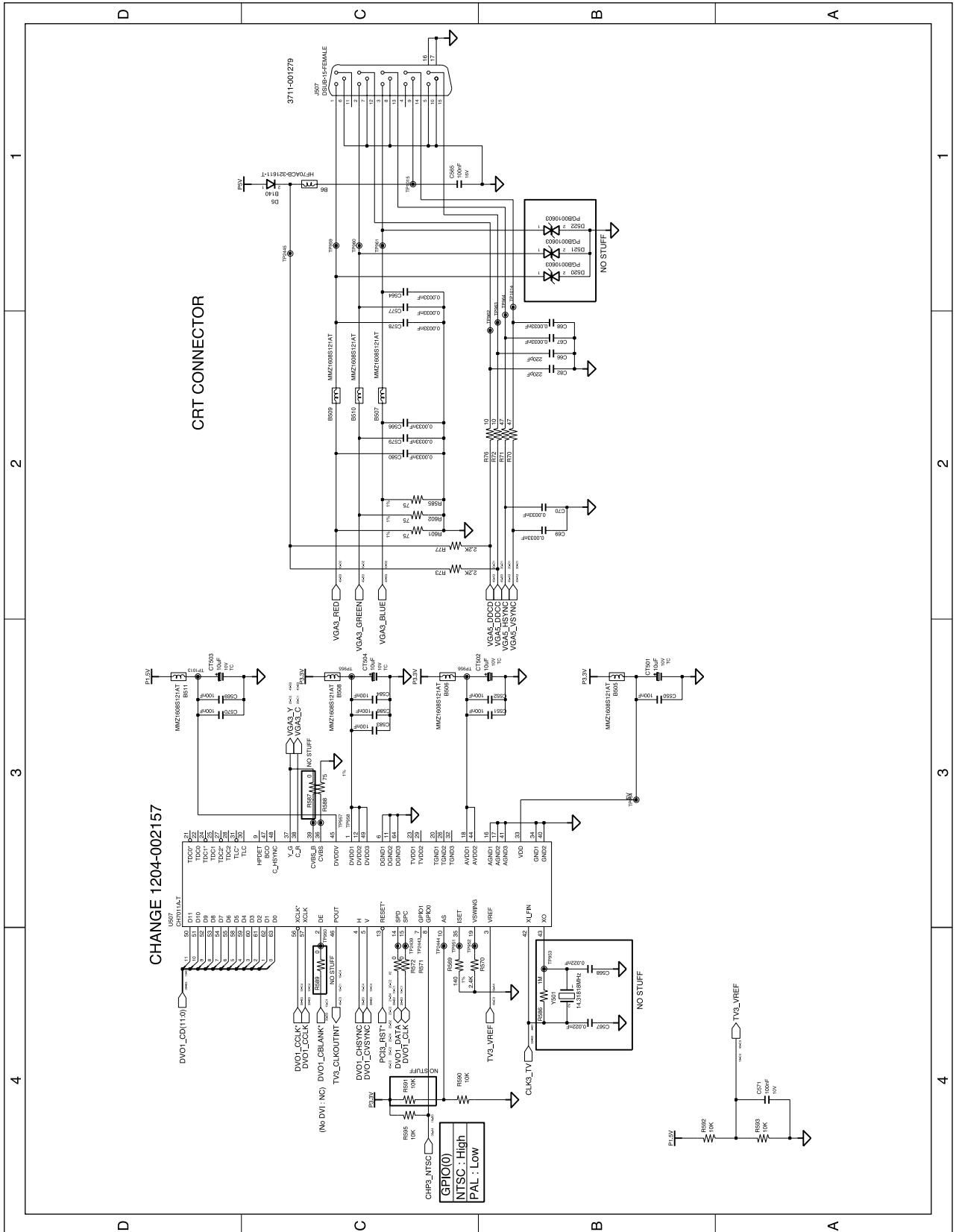
7-1-1(p) Main Board Schematic Sheet 17 of 40(ICH-4)



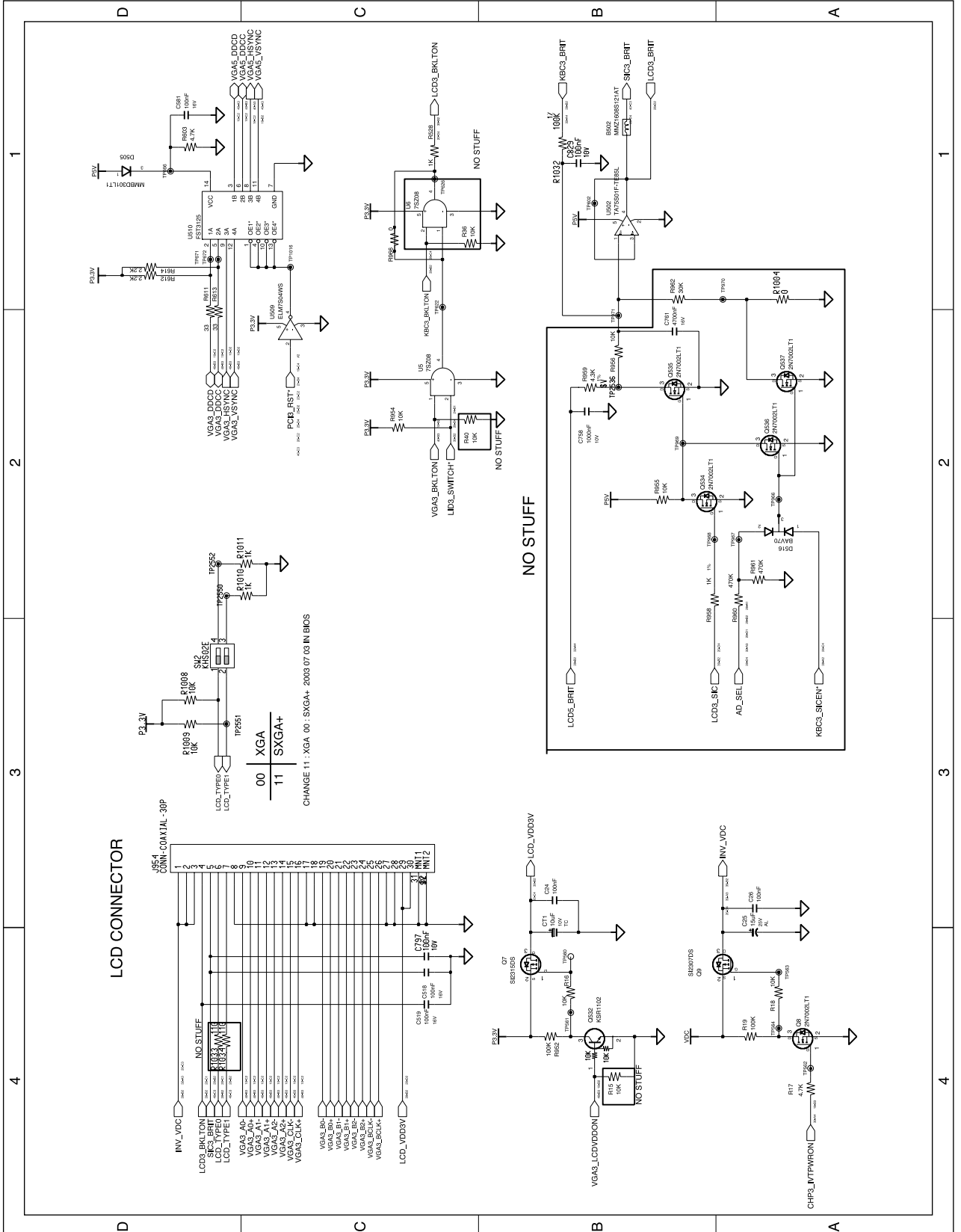
7-1-1(q) Main Board Schematic Sheet 18 of 40(Firmware HUB)



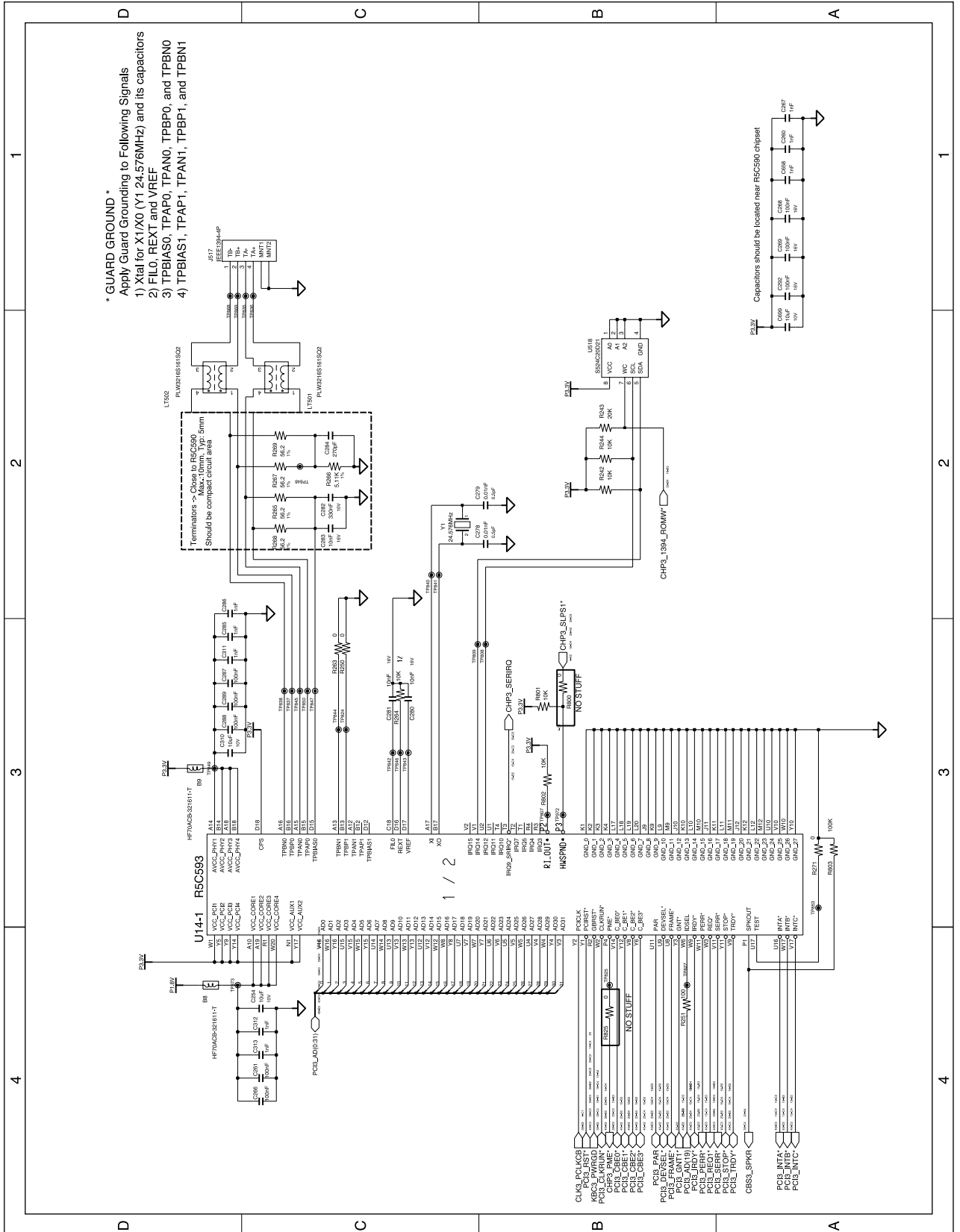
7-1-1(r) Main Board Schematic Sheet 19 of 40(TV Encoder & CRT)



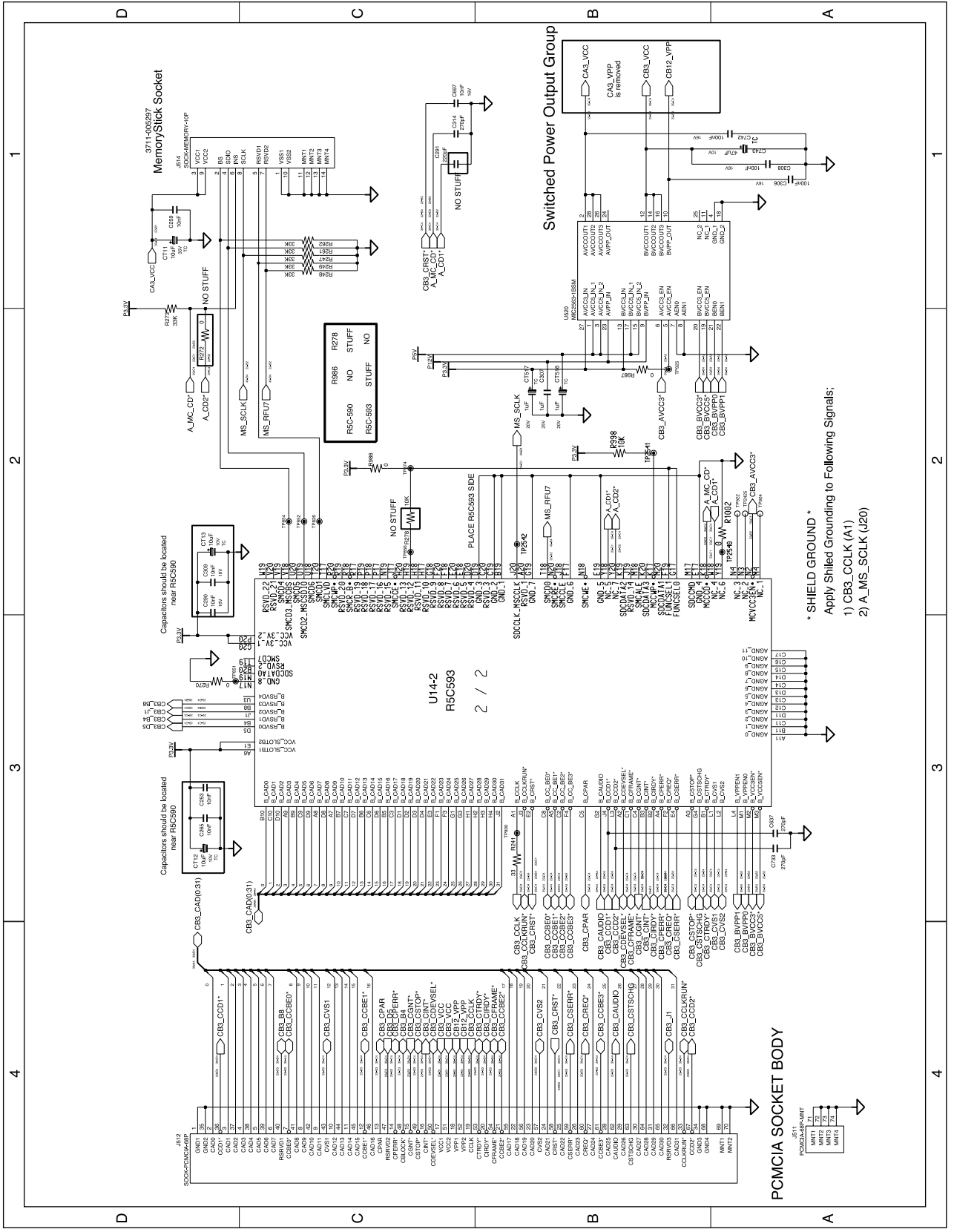
7-1-1(s) Main Board Schematic Sheet 20 of 40(LCD_Connector)



7-1-1(t) Main Board Schematic Sheet 21 of 40(Cardbus & 1394)

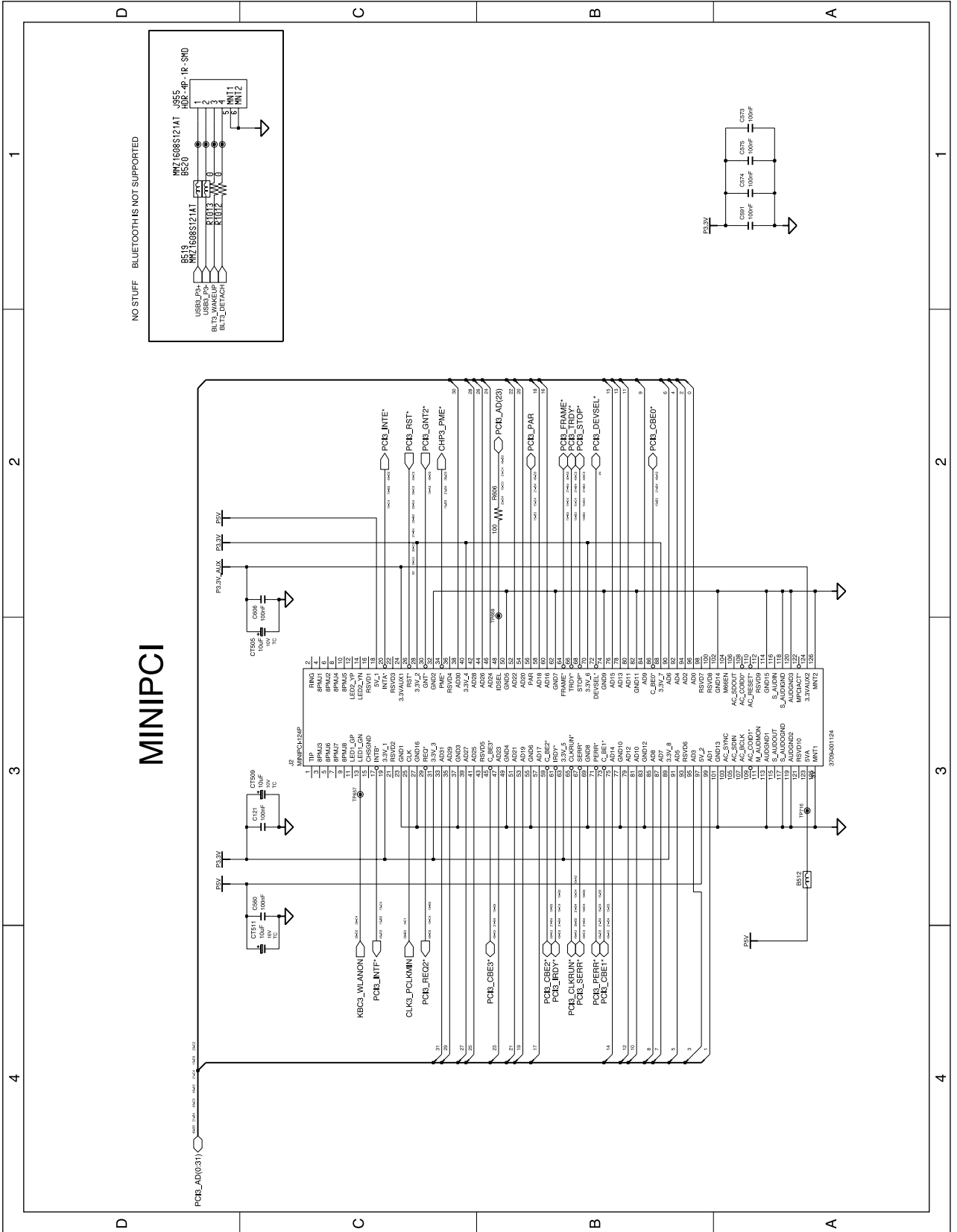


7-1-1(u) Main Board Schematic Sheet 22 of 40(Cardbus Socket)



* SHIELD GROUND *
Apply Shielded Grounding to Following Signals;
1) CB3_CCLK (A1)
2) A_MS_SCLK (J20)

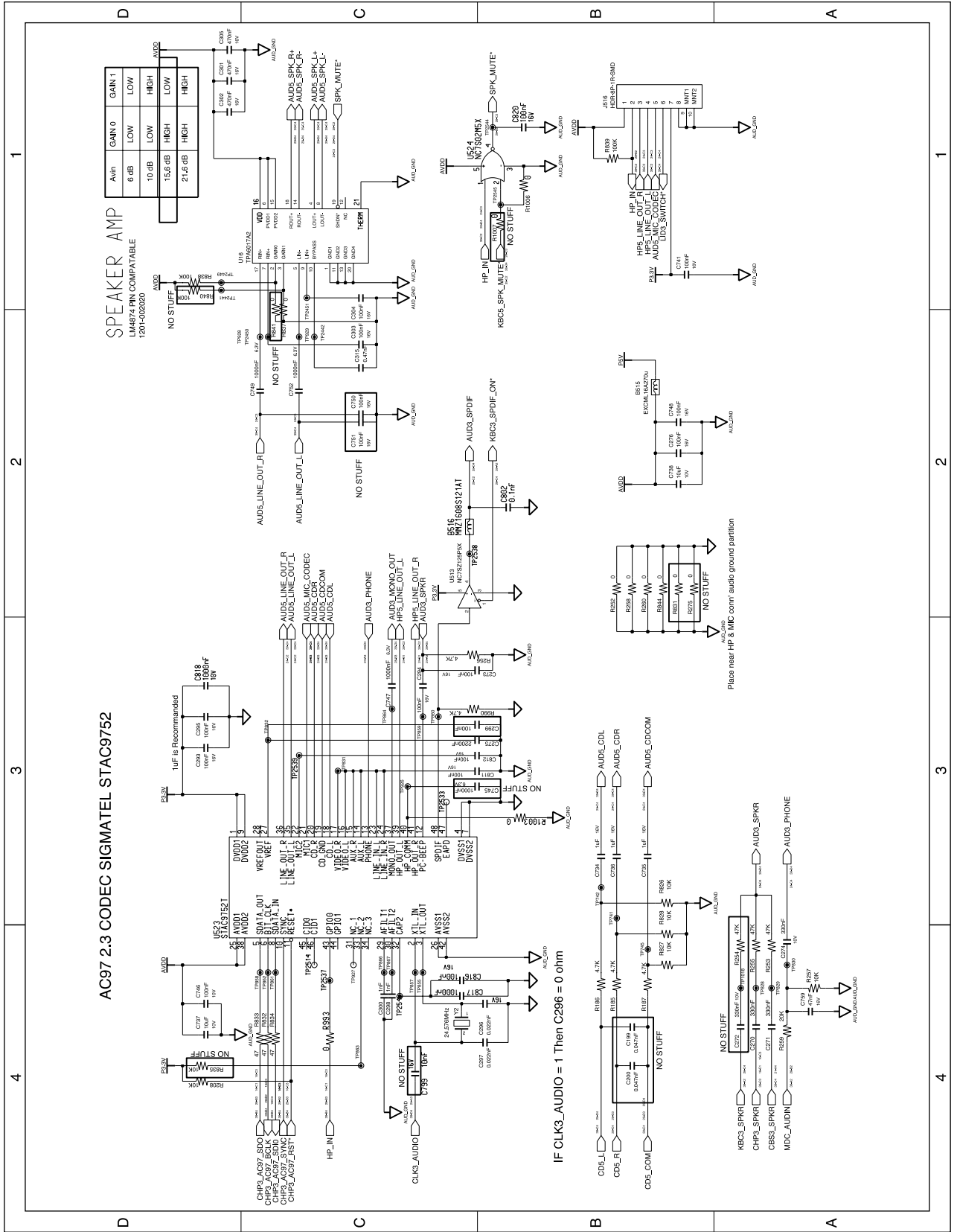
7-1-1(v) Main Board Schematic Sheet 23 of 40(Mini PCI)



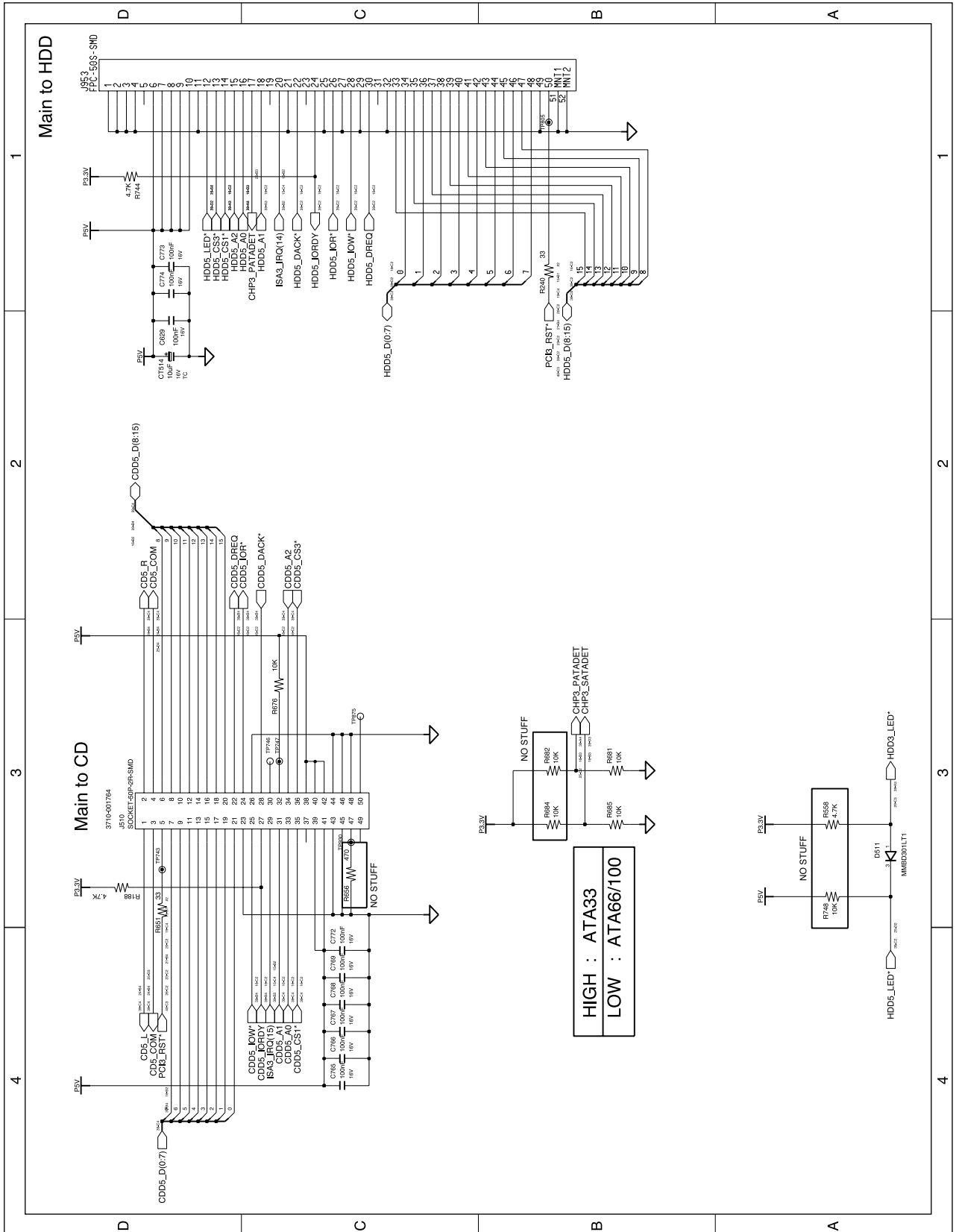
NO STUFF BLUETOOTH IS NOT SUPPORTED

MINIPCI

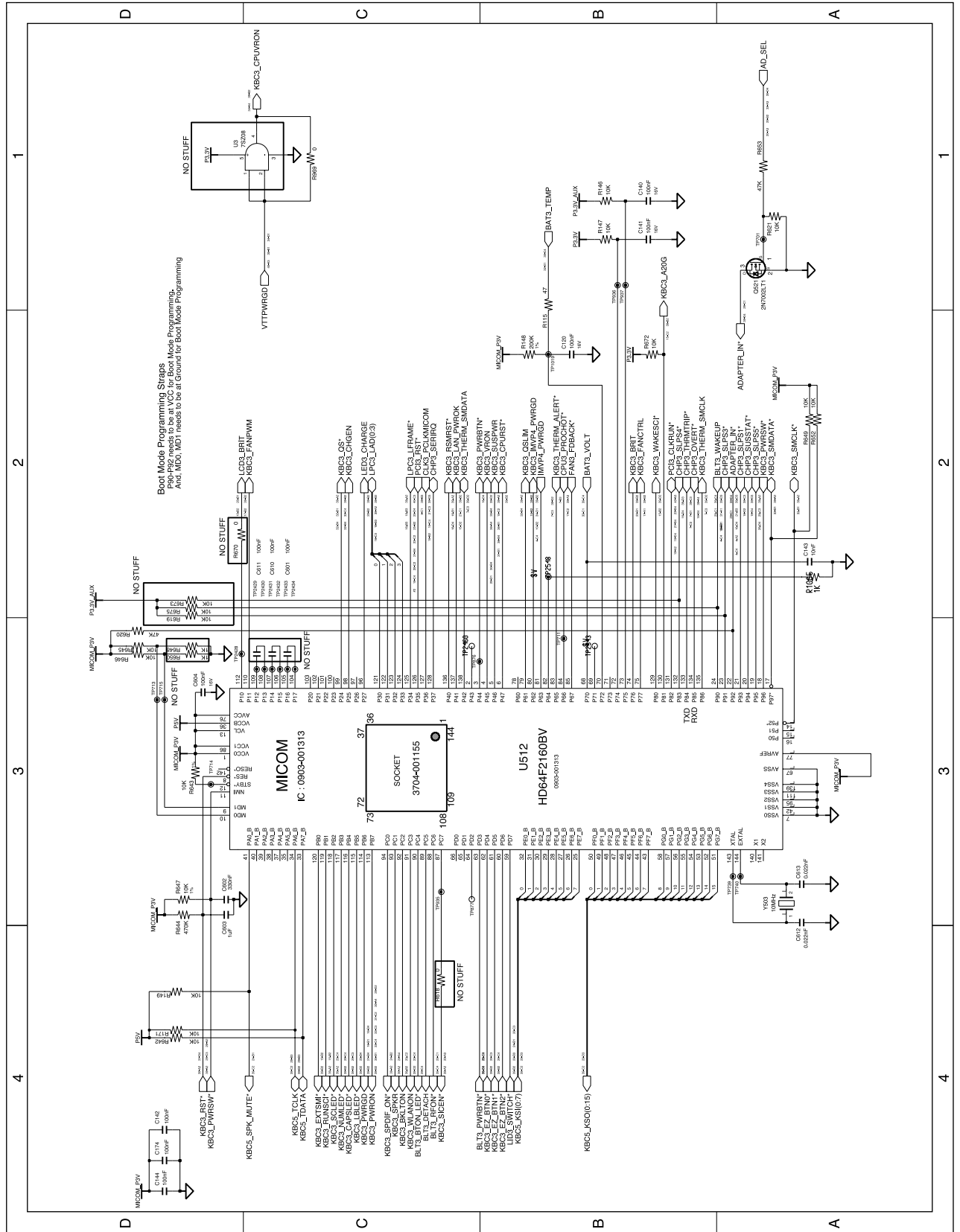
7-1-1(w) Main Board Schematic Sheet 24 of 40(Audio Codec & AMP)



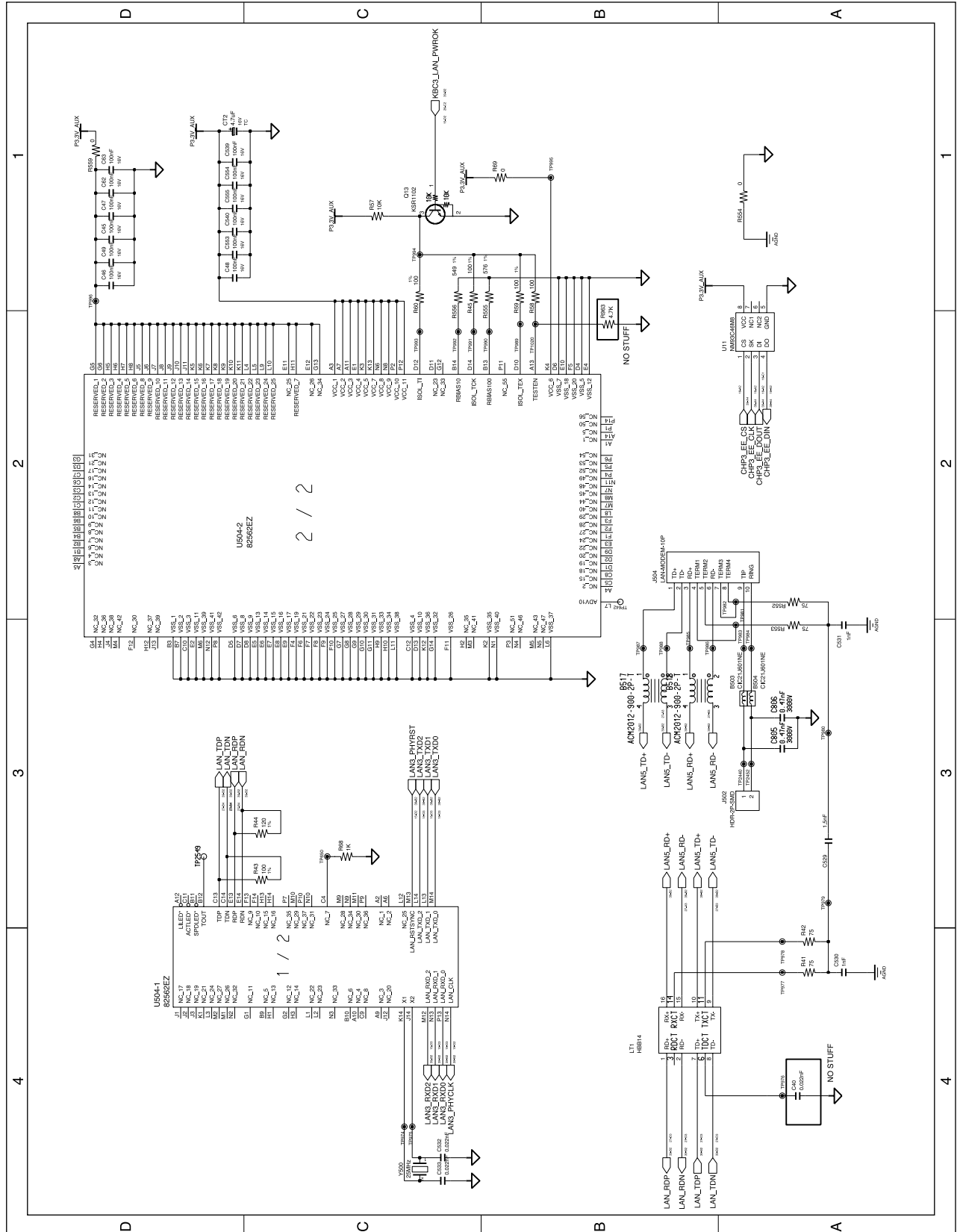
7-1-1(x) Main Board Schematic Sheet 25 of 40(Bay Connector)



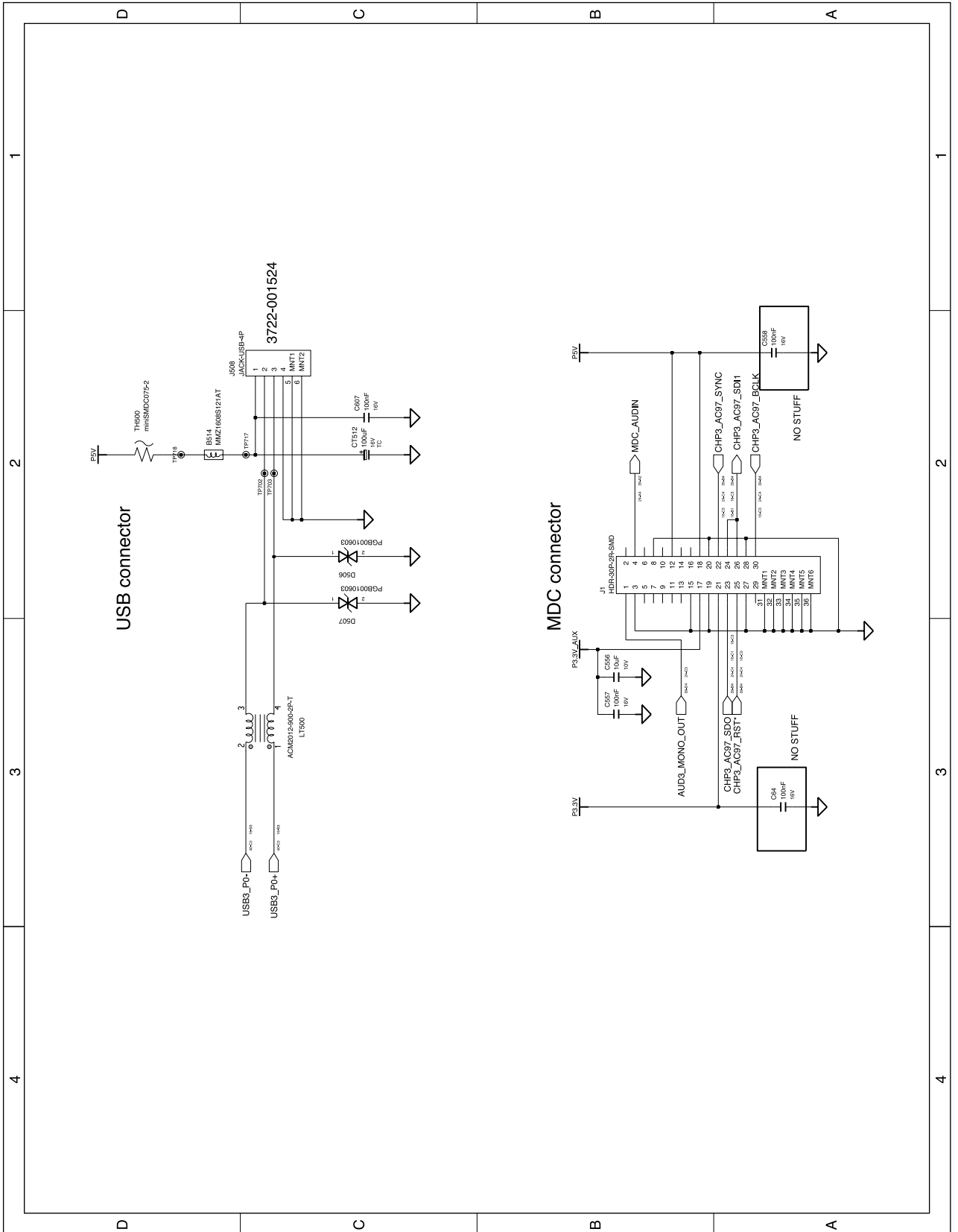
7-1-1(y) Main Board Schematic Sheet 26 of 40(MICOM)



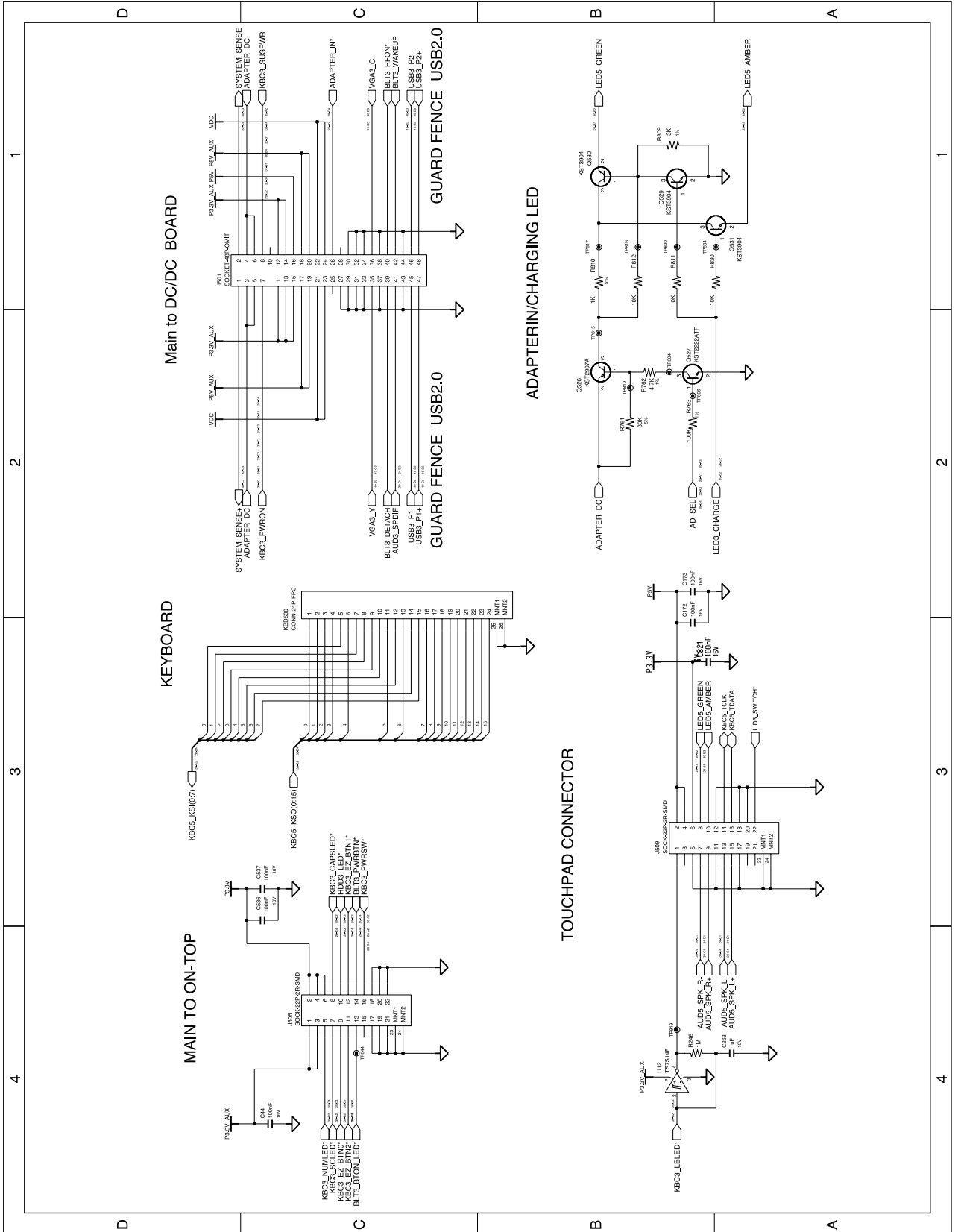
7-1-1(z) Main Board Schematic Sheet 27 of 40(Kinnereth LAN)



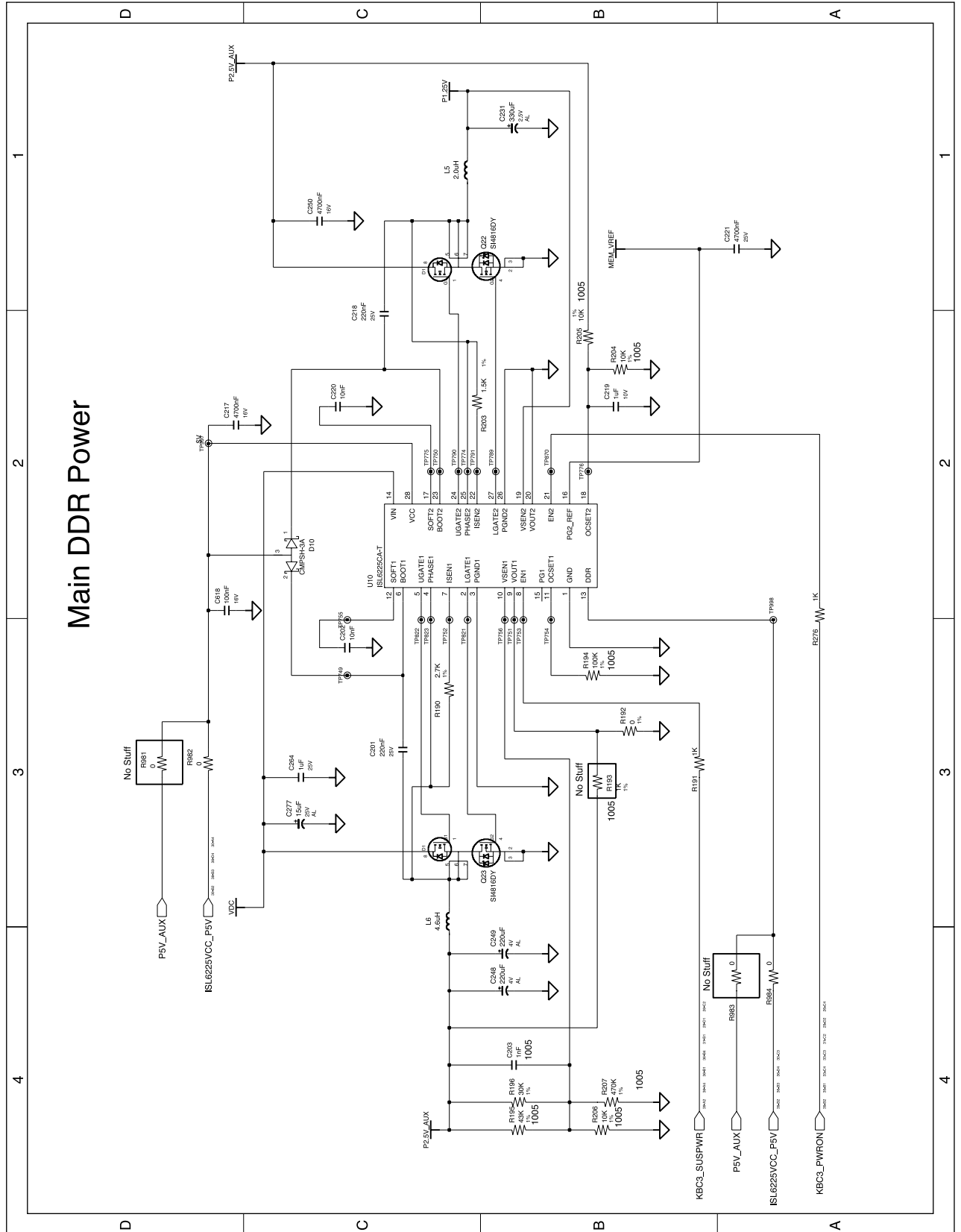
7-1-1(aa) Main Board Schematic Sheet 28 of 40(USB & MDC Connector)



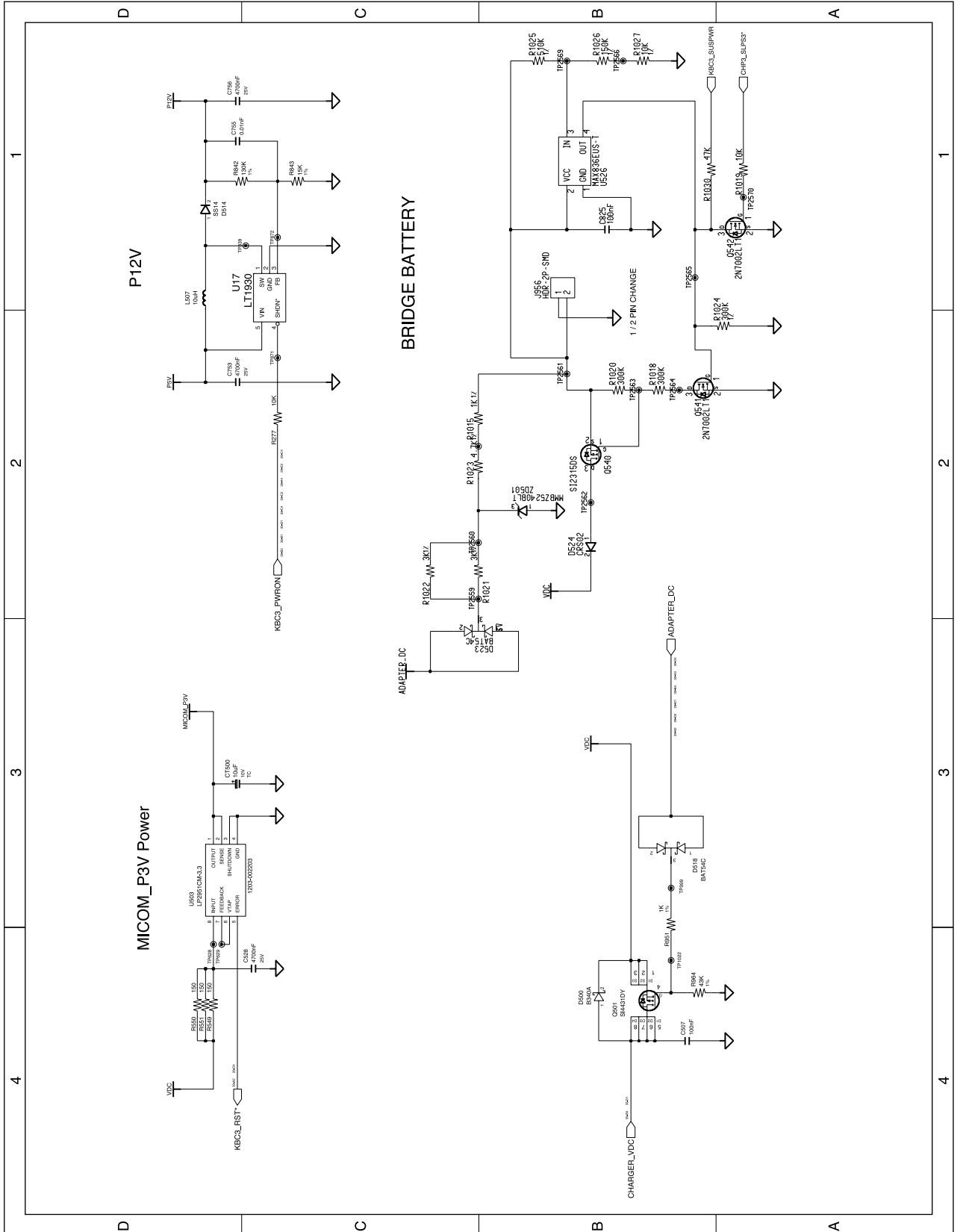
7-1-1(bb) Main Board Schematic Sheet 29 of 40(B'D TO B'D Connector)



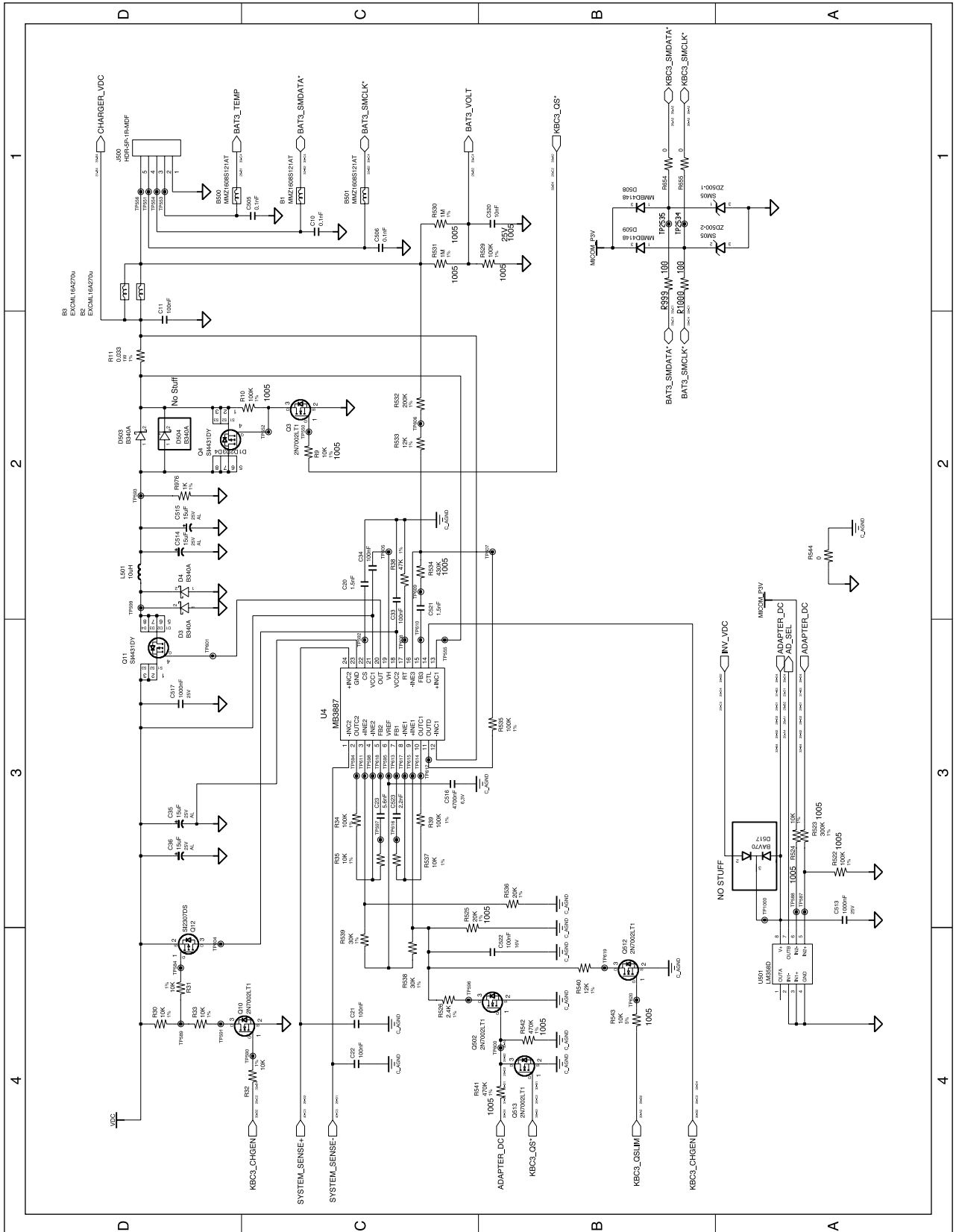
7-1-1(cc) Main Board Schematic Sheet 30 of 40(DDR Power)



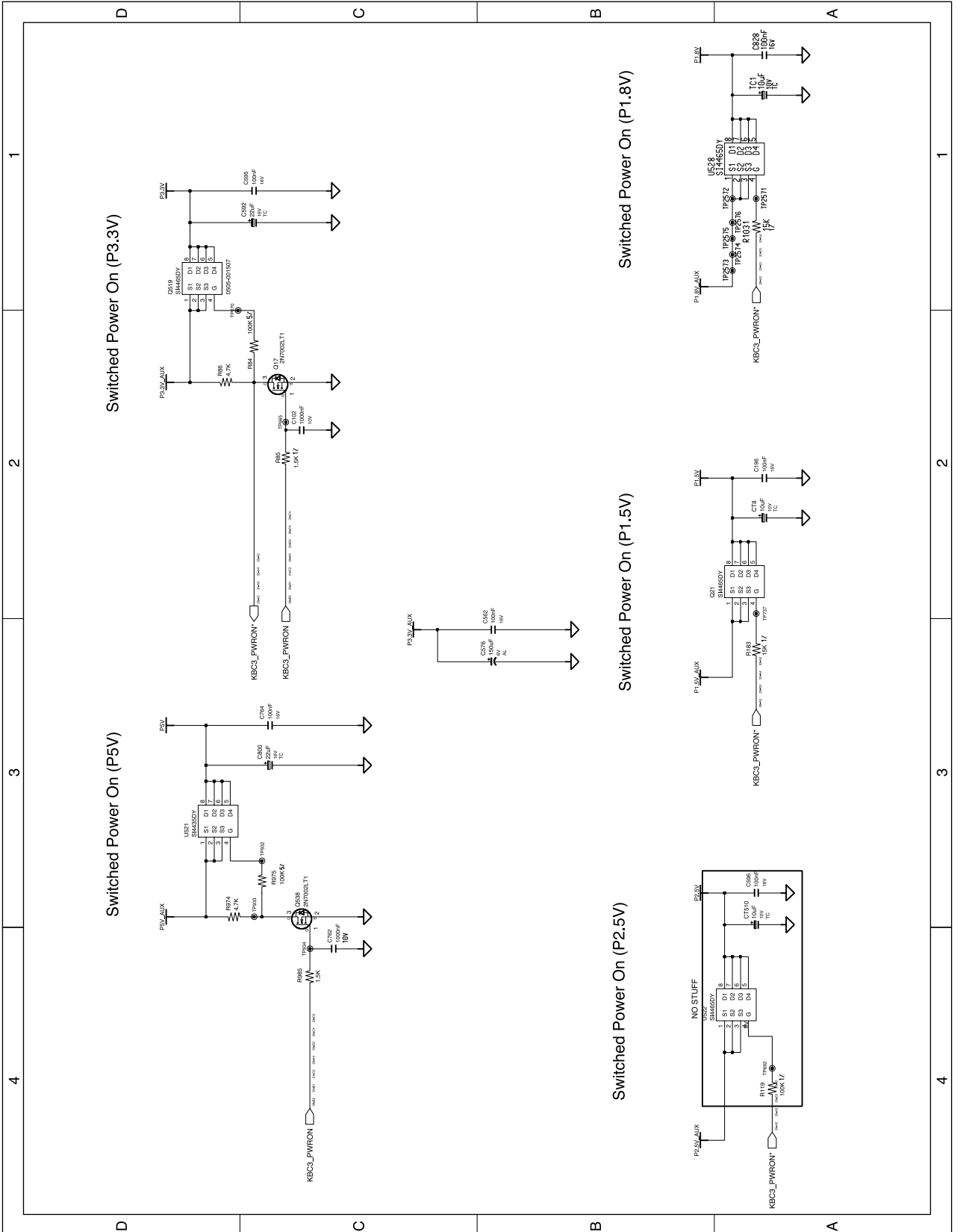
7-1-1(dd) Main Board Schematic Sheet 31 of 40(MICOM & P12V)



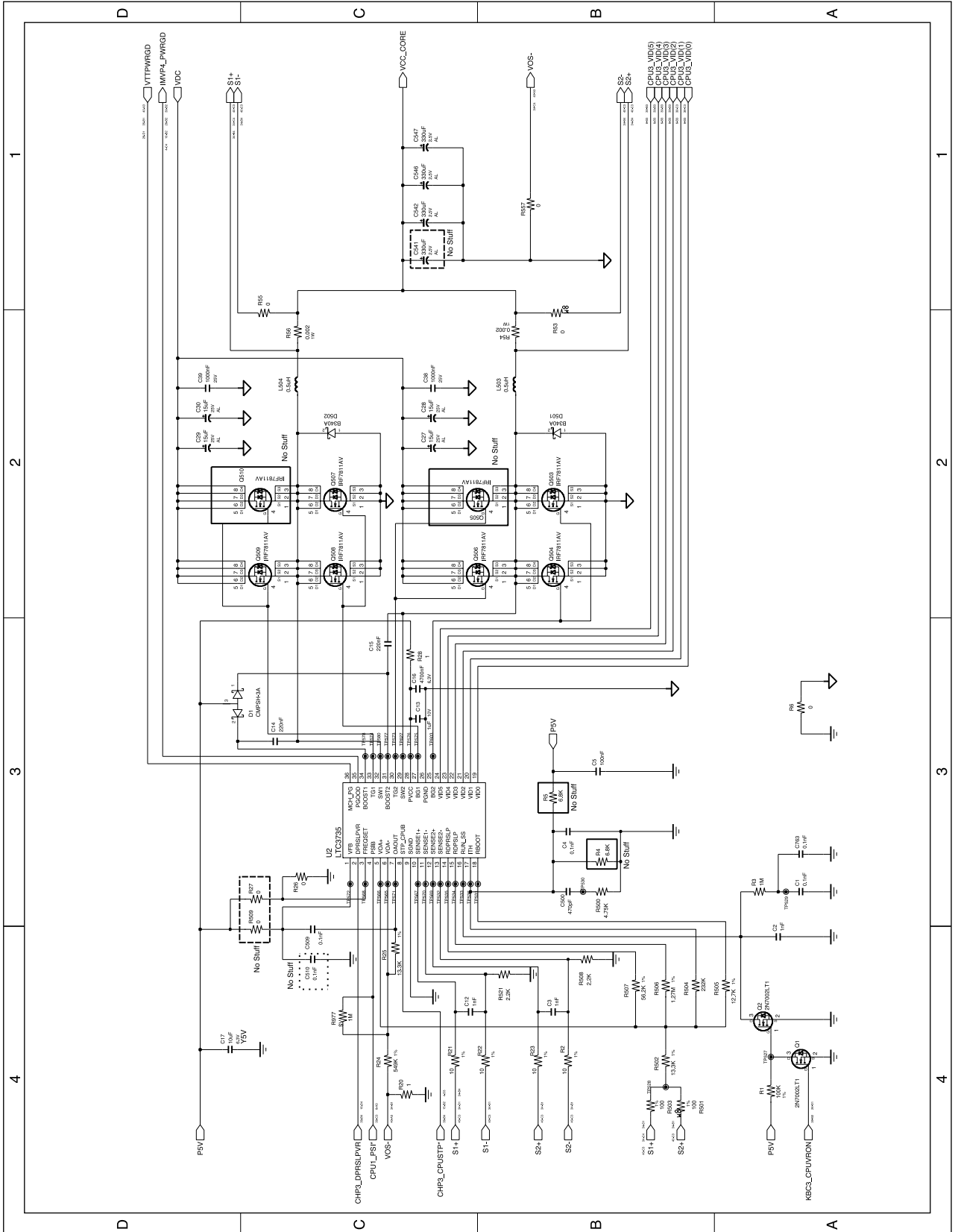
7-1-1(ee) Main Board Schematic Sheet 32 of 40(Charger)



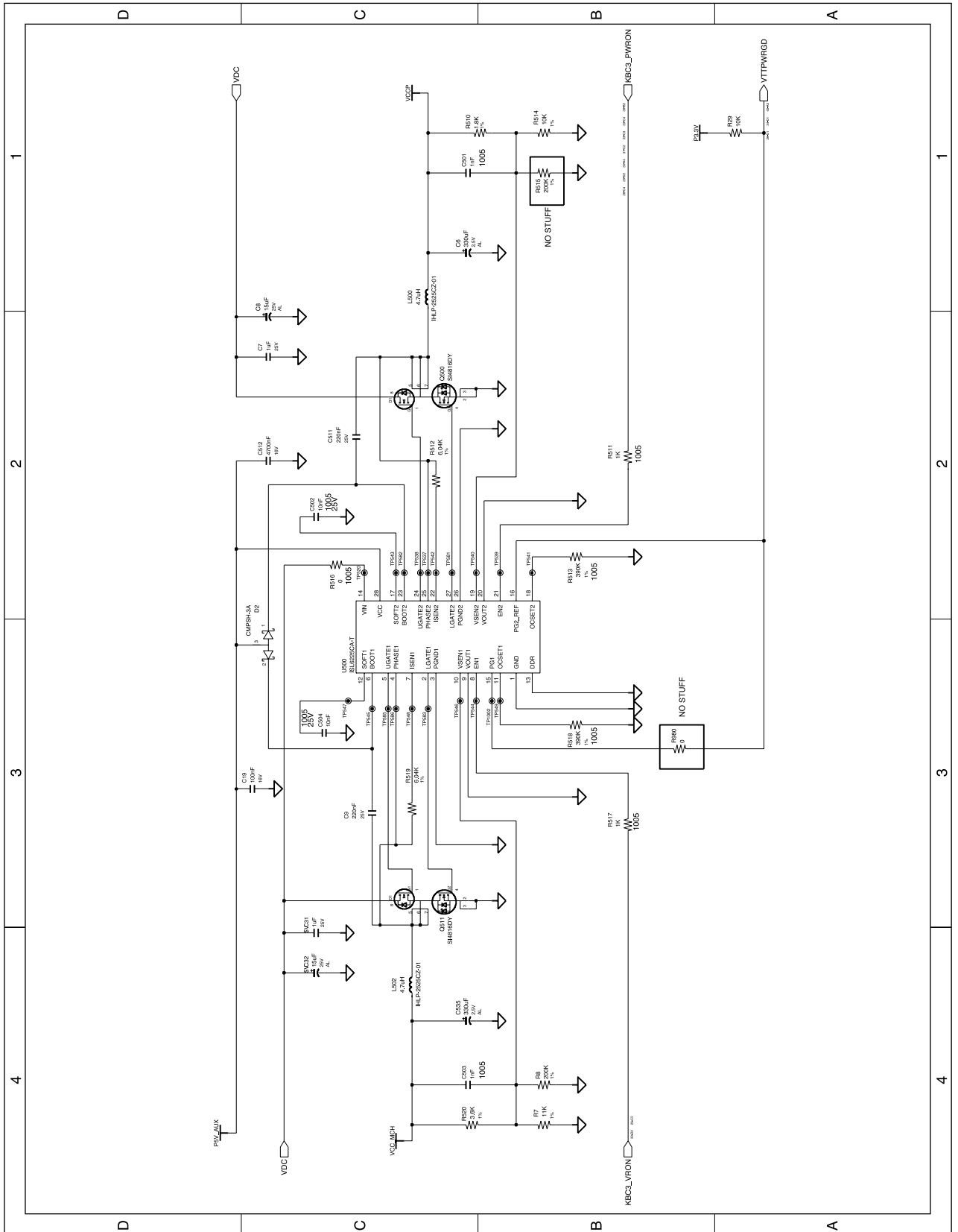
7-1-1(ff) Main Board Schematic Sheet 33 of 40(Switched Power)



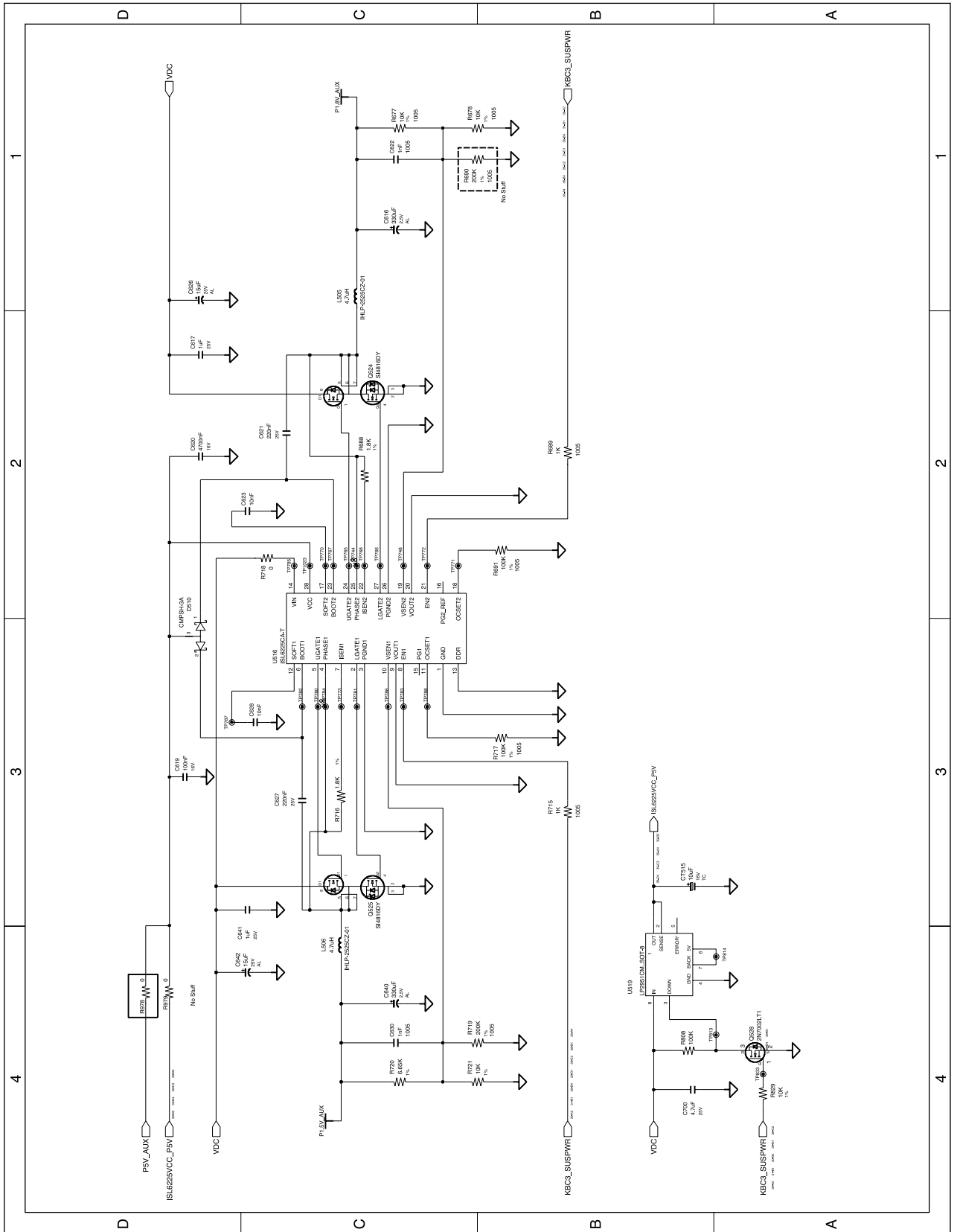
7-1-1(gg) Main Board Schematic Sheet 34 of 40(CPU Power)



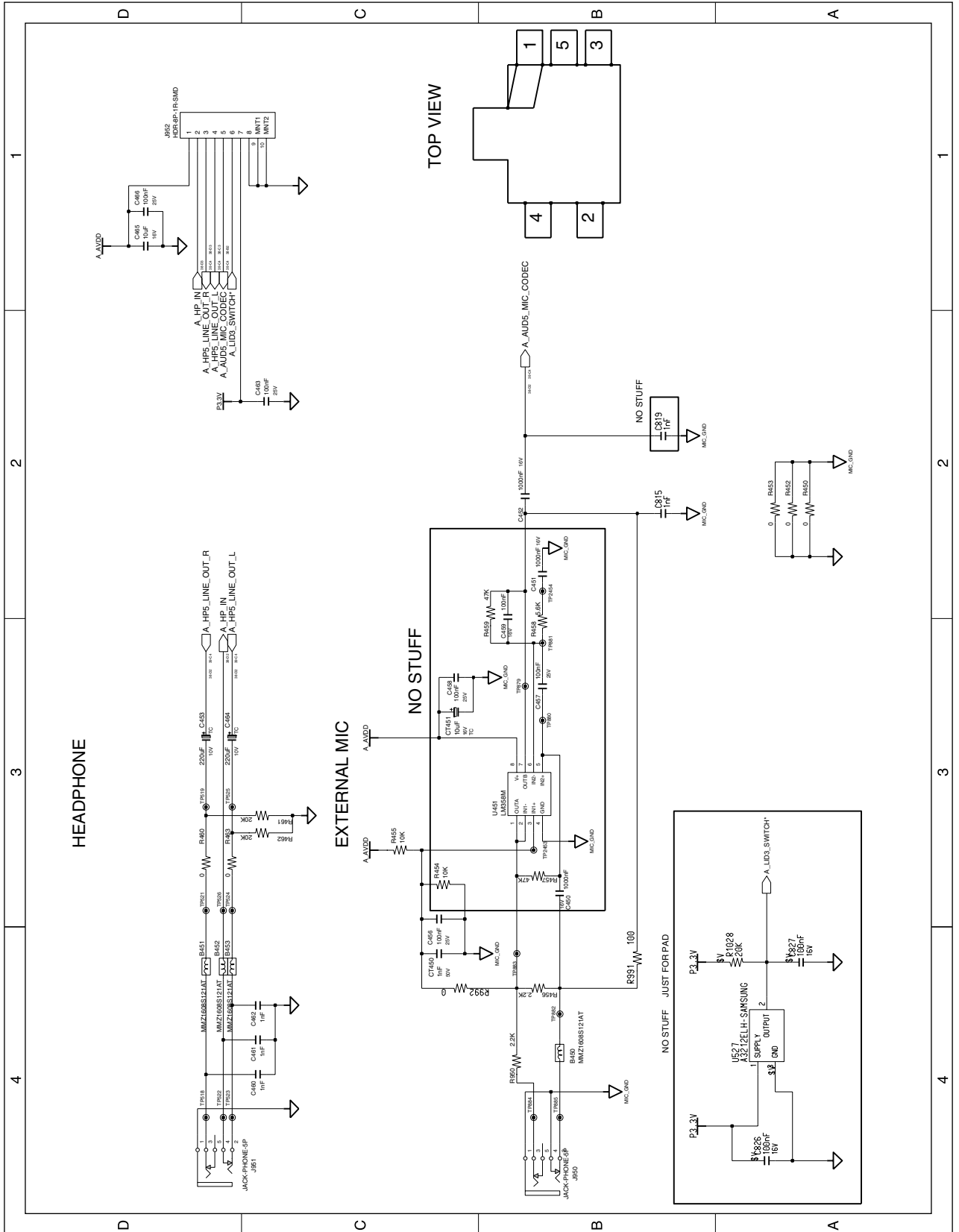
7-1-1(hh) Main Board Schematic Sheet 35 of 40(VCCP & GMCH Power)



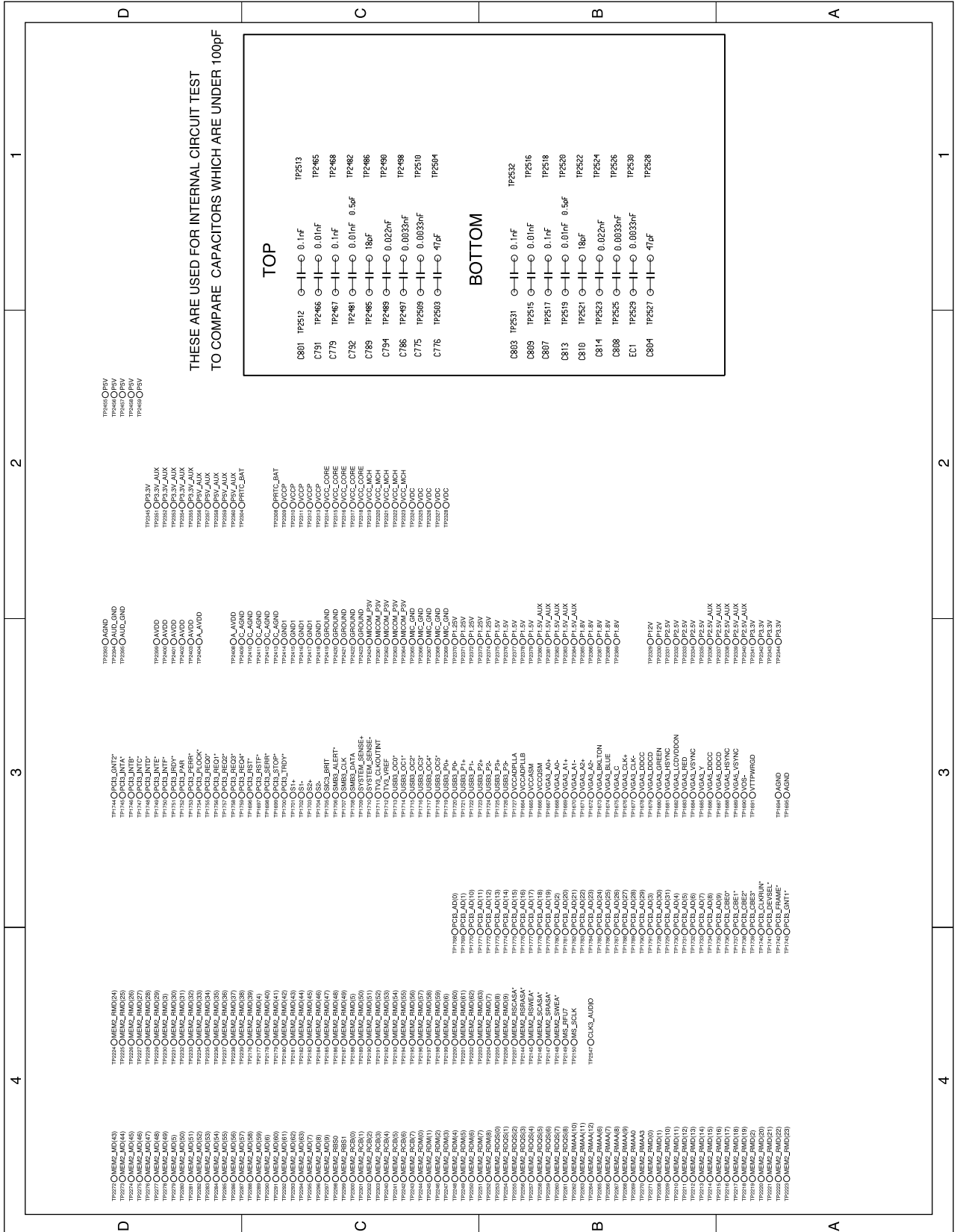
7-1-1(ii) Main Board Schematic Sheet 36 of 40(Always Power)



7-1-1(kk) Main Board Schematic Sheet 38 of 40(Audio Port)



7-1-1(mm) Main Board Schematic Sheet 40 of 40(Main TP)



7-1-2 Signal Location

Signal Name	Sheet Number - Location	Signal Name	Sheet Number - Location
ADAPTER_DC	29-D2 29-B2 29-D1 31-B3 32-B4 32-A3 32-A3 39-D4	CB3_BVCC3*	22-B2 22-A3 39-B4
ADAPTER_IN*	26-A2 26-A2 29-C1 39-D4	CB3_BVCC5*	22-B2 22-A3 39-B4
AD_SEL	20-A3 26-A1 29-B2 32-A3 39-D4	CB3_BVPP0	22-B2 22-A3 39-B4
AGP3_BUSY*	10-D1 10-B4 15-B2 39-D4	CB3_BVPP1	22-B2 22-A3 39-B4
AUD3_MONO_OUT	24-C3 28-B3 39-D4	CB3_CAD(13)	22-D4 22-D4 39-B4
AUD3_PHONE	24-A3 24-C3 39-D4	CB3_CAD(28)	22-D4 22-D4 39-B4
AUD3_SPDIF	24-B2 29-C2 39-D4	CB3_CAD(3)	22-D4 22-D4 39-A4
AUD3_SPKR	24-A3 24-C3 39-D4	CB3_CAD(6)	22-D4 22-D4 39-A4
AUD5_CDCOM	24-B3 24-C3 39-D4	CB3_CAD(4)	22-D4 22-D4 39-A4
AUD5_CDL	24-B3 24-C3 39-C4	CB3_CAD(10)	22-D4 22-D4 39-B4
AUD5_CDR	24-B3 24-C3 39-C4	CB3_CAD(1)	22-D4 22-D4 39-B4
AUD5_LINE_OUT_L	24-C2 24-C3 39-C4	CB3_CAD(15)	22-D4 22-D4 39-B4
AUD5_LINE_OUT_R	24-C2 24-C3 39-C4	CB3_CAD(17)	22-D4 22-D4 39-B4
AUD5_MIC_CODEC	24-B1 24-C3 39-C4	CB3_CAD(22)	22-D4 22-D4 39-B4
AUD5_SPK_L+	24-C1 29-B4 39-C4	CB3_CAD(25)	22-D4 22-D4 39-B4
AUD5_SPK_L-	24-C1 29-B4 39-C4	CB3_CAD(9)	22-D4 22-D4 39-A4
AUD5_SPK_R+	24-C1 29-B4 39-C4	CB3_CAD(27)	22-D4 22-D4 39-B4
AUD5_SPK_R-	24-C1 29-B4 39-C4	CB3_CAD(8)	22-D4 22-D4 39-A4
A_AUD5_MIC_CODEC	38-D2 38-B2 39-C4	CB3_CAD(31)	22-D4 22-D4 39-A4
A_CD1*	22-B2 22-C1 22-B2 39-C4	CB3_CAD(0)	22-D4 22-D4 39-B4
A_CD2*	22-D2 22-B2 39-C4	CB3_CAD(21)	22-D4 22-D4 39-B4
A_HP5_LINE_OUT_L	38-D2 38-C3 39-C4	CB3_CAD(2)	22-D4 22-D4 39-B4
A_HP5_LINE_OUT_R	38-D2 38-D3 39-C4	CB3_CAD(30)	22-D4 22-D4 39-A4
A_MC_CD*	22-D2 22-C1 22-B2 39-C4	CB3_CAD(16)	22-D4 22-D4 39-B4
BAT3_SMCLK*	32-C1 32-B2 39-C4	CB3_CAD(19)	22-D4 22-D4 39-B4
BAT3_SMDATA*	32-C1 32-B2 39-C4	CB3_CAD(12)	22-D4 22-D4 39-B4
BAT3_TEMP	26-B1 32-D1 39-C4	CB3_CAD(29)	22-D4 22-D4 39-B4
BAT3_VOLT	26-B2 32-C1 39-C4	CB3_CAD(26)	22-D4 22-D4 39-B4
BLT3_PWRBTN*	26-C4 29-C3 39-C4	CB3_CAD(18)	22-D4 22-D4 39-B4
BLT3_RFON*	26-C4 29-C1 39-C4	CB3_CAD(14)	22-D4 22-D4 39-B4
BLT3_WAKEUP	23-D1 26-A2 29-C1 39-C4	CB3_CAD(5)	22-D4 22-D4 39-A4
CA3_VCC	22-D1 22-B1 39-C4	CB3_CAD(23)	22-D4 22-D4 39-B4
CB12_VPP	22-C4 22-C4 22-B1 39-C4	CB3_CAD(20)	22-D4 22-D4 39-B4
CB3_AVCC3*	22-B2 22-A2 39-C4	CB3_CAD(11)	22-D4 22-D4 39-B4
CB3_B4	22-C4 22-D3 39-C4	CB3_CAD(24)	22-D4 22-D4 39-B4
CB3_B8	22-D4 22-D3 39-B4	CB3_CAD(7)	22-D4 22-D4 39-A4
		CB3_CAD(0:31)	22-D4 22-D4
		CB3_CAUDIO	22-B4 22-B3 39-A4

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CB3_CCBE0*	22-D4 22-B3 39-A4	CDD5_D(12)	16-B2 25-D2 39-C4
CB3_CCBE1*	22-C4 22-B3 39-A4	CDD5_D(13)	16-B2 25-D2 39-C4
CB3_CCBE2*	22-C4 22-B3 39-A4	CDD5_D(14)	16-B2 25-D2 39-C4
CB3_CCBE3*	22-B4 22-B3 39-A4	CDD5_D(6)	16-B2 25-D4 39-B4
CB3_CCD1*	22-D4 22-B3 39-D4	CDD5_D(7)	16-B2 25-D4 39-B4
CB3_CCD2*	22-B4 22-B3 39-D4	CDD5_D(9)	16-B2 25-D2 39-B4
CB3_CCLK	22-B3 22-C4 39-D4	CDD5_D(8)	16-B2 25-D2 39-B4
CB3_CCLKRUN*	22-B4 22-B3 39-D4	CDD5_D(2)	16-B2 25-D4 39-B4
CB3_CDEVSEL*	22-C4 22-B3 39-D4	CDD5_D(3)	16-B2 25-D4 39-B4
CB3_CFRAME*	22-C4 22-B3 39-D4	CDD5_D(4)	16-B2 25-D4 39-B4
CB3_CGNT*	22-C4 22-B3 39-D4	CDD5_D(10)	16-B2 25-D2 39-C4
CB3_CINT*	22-C4 22-B3 39-D4	CDD5_D(11)	16-B2 25-D2 39-C4
CB3_CIRDY*	22-C4 22-B3 39-D4	CDD5_D(0)	16-B2 25-D4 39-C4
CB3_CPAR	22-C4 22-B3 39-C4	CDD5_D(8:15)	25-D2
CB3_CPERR*	22-C4 22-B3 39-C4	CDD5_D(0:7)	25-D4
CB3_CREQ*	22-B4 22-B3 39-C4	CDD5_D(0:15)	16-B2
CB3_CRST*	22-B4 22-C1 22-B3 39-C4	CDD5_DACK*	16-C2 25-C3 39-B4
CB3_CSERR*	22-B4 22-B3 39-C4	CDD5_DREQ	16-C2 25-C3 39-B4
CB3_CSTOP*	22-C4 22-B3 39-C4	CDD5_IOR*	16-C2 25-C3 39-B4
CB3_CSTSCHG	22-B4 22-B3 39-C4	CDD5_IORDY	16-C2 25-C4 39-B4
CB3_CTRDY*	22-C4 22-B3 39-C4	CDD5_IOW*	16-C2 25-C4 39-B4
CB3_CVS1	22-C4 22-B3 39-C4	CHARGER_VDC	31-B4 32-D1 39-B4
CB3_CVS2	22-B4 22-B3 39-C4	CHP3_1394_ROMW*	16-B3 21-B2 39-B4
CB3_D5	22-C4 22-D3 39-C4	CHP3_AC97_BCLK	16-C3 24-C4 28-B2 39-B4
CB3_J1	22-B4 22-D3 39-C4	CHP3_AC97_RST*	16-C3 24-C4 28-B3 39-B4
CB3_VCC	22-C4 22-C4 22-B1 39-C4	CHP3_AC97_SDI0	16-B1 16-C3 24-C4 39-B4
CBS3_SPKR	21-A4 24-A4 39-C4	CHP3_AC97_SDI1	16-B1 16-C3 28-B2 39-B4
CD5_COM	24-B4 25-D4 25-D3 39-C4	CHP3_AC97_SDI2	16-B1 16-C3 39-B4
CD5_L	24-B4 25-D4 39-C4	CHP3_AC97_SDO	16-C3 16-C1 24-C4 28-B3 39-B4
CD5_R	24-B4 25-D3 39-C4	CHP3_AC97_SYNC	16-C3 24-C4 28-B2 39-B4
CDD5_A0	16-C2 25-C4 39-C4	CHP3_BATLOW*	15-B4 15-B2 39-B4
CDD5_A1	16-C2 25-C4 39-C4	CHP3_BIOSTBL*	16-B3 18-B4 39-B4
CDD5_A2	16-C2 25-C3 39-C4	CHP3_BIOSWP*	16-B3 18-B4 39-B4
CDD5_CS1*	16-C2 25-C4 39-C4	CHP3_CPUSTP*	4-D3 15-B2 34-C4 39-B4
CDD5_CS3*	16-C2 25-C3 39-C4	CHP3_CRISIS*	16-B3 17-D2
CDD5_D(15)	16-B2 25-D2 39-B4	CHP3_DPRSLPVR	16-D4 34-C4 39-B4
CDD5_D(5)	16-B2 25-D4 39-B4	CHP3_EE_CLK	16-A2 27-A2 39-A4
CDD5_D(1)	16-B2 25-D4 39-C4		

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CHP3_EE_DIN	16-A2 27-A2 39-A4	CLK2_MCLK1	9-B2 12-C3 39-C3
CHP3_EE_DOUT	16-C1 16-A2 27-A2 39-A4	CLK2_MCLK1*	9-B2 12-C3 39-C3
CHP3_INTRUDER*	15-B4 15-B2 39-A4	CLK2_MCLK2	9-B2 12-C3 39-C3
CHP3_IVTPWRON	16-B3 20-A4 39-A4	CLK2_MCLK2*	9-B2 12-C3 39-C3
CHP3_NTSC	16-B3 19-C4 39-A4	CLK2_MCLK3	9-B2 12-C4 39-C3
CHP3_OVERT*	7-C3 16-D4 26-B2 39-A4	CLK2_MCLK3*	9-B2 12-C4 39-C3
CHP3_PATADET	16-B3 25-B3 25-C2 39-A4	CLK2_MCLK4	9-B2 12-C4 39-C3
CHP3_PCGNTA*	15-B3 15-C4 16-C1 39-A4	CLK2_MCLK4*	9-B2 12-C4 39-C3
CHP3_PCGNTB*	15-A3 15-C4 39-A4	CLK2_MCLK5	9-B2 12-C4 39-C3
CHP3_PCISTP*	4-C3 15-B2 39-A4	CLK2_MCLK5*	9-B2 12-C4 39-C3
CHP3_PCREQA*	15-B3 15-C4 39-A4	CLK3_AUDIO	4-B1 24-C4 40-B4
CHP3_PCREQB*	15-B3 15-C4 39-A4	CLK3_DREFCLK	4-B1 10-B2 39-C3
CHP3_PME*	15-B3 21-B4 23-C2 39-D3	CLK3_DREFSSCLK	4-A3 10-B2 39-C3
CHP3_RTCRST*	16-C3 17-D2 39-D3	CLK3_ICH14	4-B1 16-C3 39-C3
CHP3_SATADET	16-B3 25-B3 39-D3	CLK3_ICH48	4-B1 16-C3 39-C3
CHP3_SERIRQ	15-B2 15-C4 21-C3 26-C2 39-D3	CLK3_ICH66	4-C1 16-C3 39-C3
CHP3_SLPS1*	4-C4 4-A2 16-D4 21-B3 26-A2 39-D3	CLK3_MCH66	4-C1 10-B4 39-B3
CHP3_SLPS3*	4-C4 16-D4 26-A2 31-B1 39-D3	CLK3_PCLKCB	4-C1 21-B4 39-B3
CHP3_SLPS4*	16-D4 26-B2 39-D3	CLK3_PCLKFWH	4-C1 18-B4 39-B3
CHP3_SLPS5*	16-D4 26-A2 39-D3	CLK3_PCLKICH	4-C1 15-B3 39-B3
CHP3_SMLINK0	15-B4 15-B2 39-D3	CLK3_PCLKMICOM	4-C1 26-C2 39-B3
CHP3_SMLINK1	15-B4 15-B2 39-C3	CLK3_PCLKMIN	4-C1 23-C4 39-B3
CHP3_SPKR	16-C3 16-C1 24-A4 39-C3	CLK3_SSC66	4-B3 4-C1 39-B3
CHP3_SUSCLK	10-B1 16-D2 39-C3	CLK3_TV	4-B1 19-B4 39-B3
CHP3_SUSSTAT*	16-D2 26-A2 39-C3	CPU1_A*(17)	5-C4 8-D4 39-B3
CHP3_THRMTRIP*	7-D1 26-B2 39-C3	CPU1_A*(26)	5-C4 8-D4 39-B3
CHP3_VBIAS	16-C4 17-D2 39-C3	CPU1_A*(25)	5-C4 8-D4 39-B3
CLK0_HCLK0	4-C3 6-C3 39-C3	CPU1_A*(18)	5-C4 8-D4 39-B3
CLK0_HCLK0*	4-C3 6-C3 39-C3	CPU1_A*(11)	5-C4 8-D4 39-B3
CLK0_HCLK1	4-C3 8-B4 39-C3	CPU1_A*(22)	5-C4 8-D4 39-B3
CLK0_HCLK1*	4-C3 8-B4 39-C3	CPU1_A*(21)	5-C4 8-D4 39-B3
CLK0_HCLK2	4-C3 6-C3 39-C3	CPU1_A*(20)	5-C4 8-D4 39-B3
CLK0_HCLK2*	4-C3 6-C3 39-C3	CPU1_A*(19)	5-C4 8-D4 39-B3
CLK2_MCLK0	9-B2 12-C3 39-C3	CPU1_A*(15)	5-C4 8-D4 39-B3
		CPU1_A*(14)	5-C4 8-D4 39-B3
		CPU1_A*(13)	5-C4 8-D4 39-B3
		CPU1_A*(4)	5-C4 8-D4 39-A3

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CPU1_A*(3)	5-C4 8-D4 39-A3	CPU1_D*(8)	5-C2 8-D3 39-B3
CPU1_A*(12)	5-C4 8-D4 39-B3	CPU1_D*(7)	5-C2 8-D3 39-B3
CPU1_A*(6)	5-C4 8-D4 39-A3	CPU1_D*(6)	5-C2 8-D3 39-B3
CPU1_A*(10)	5-C4 8-D4 39-B3	CPU1_D*(5)	5-C2 8-D3 39-B3
CPU1_A*(9)	5-C4 8-D4 39-A3	CPU1_D*(4)	5-C2 8-D3 39-C3
CPU1_A*(8)	5-C4 8-D4 39-A3	CPU1_D*(42)	5-C1 8-D3 39-B3
CPU1_A*(7)	5-C4 8-D4 39-A3	CPU1_D*(35)	5-C1 8-D3 39-C3
CPU1_A*(31)	5-C4 8-D4 39-A3	CPU1_D*(33)	5-C1 8-D3 39-C3
CPU1_A*(24)	5-C4 8-D4 39-B3	CPU1_D*(32)	5-C1 8-D3 39-C3
CPU1_A*(23)	5-C4 8-D4 39-B3	CPU1_D*(31)	5-C2 8-D3 39-C3
CPU1_A*(16)	5-C4 8-D4 39-B3	CPU1_D*(16)	5-C2 8-D3 39-C3
CPU1_A*(5)	5-C4 8-D4 39-A3	CPU1_D*(15)	5-C2 8-D3 39-C3
CPU1_A*(30)	5-C4 8-D4 39-A3	CPU1_D*(14)	5-C2 8-D3 39-C3
CPU1_A*(29)	5-C4 8-D4 39-B3	CPU1_D*(36)	5-C1 8-D3 39-C3
CPU1_A*(28)	5-C4 8-D4 39-B3	CPU1_D*(9)	5-C2 8-D3 39-A3
CPU1_A*(27)	5-C4 8-D4 39-B3	CPU1_D*(53)	5-C1 8-D3 39-B3
CPU1_A*(31:3)	8-D4	CPU1_D*(21)	5-C2 8-D3 39-C3
CPU1_A*(31:17)	5-C4	CPU1_D*(20)	5-C2 8-D3 39-C3
CPU1_A*(16:3)	5-C4	CPU1_D*(61)	5-C1 8-D3 39-B3
CPU1_A20M*	5-B3 15-D2 39-A3	CPU1_D*(60)	5-C1 8-D3 39-B3
CPU1_ADS*	5-C3 8-D3 39-A3	CPU1_D*(47)	5-C1 8-D3 39-B3
CPU1_ADSTB0*	5-C4 8-B4 39-A3	CPU1_D*(63)	5-C1 8-D3 39-B3
CPU1_ADSTB1*	5-B4 8-B4 39-A3	CPU1_D*(62)	5-C1 8-D3 39-B3
CPU1_BNR*	5-C3 8-D3 39-A3	CPU1_D*(34)	5-C1 8-D3 39-C3
CPU1_BPRI*	5-C3 8-D3 39-D3	CPU1_D*(45)	5-C1 8-D3 39-B3
CPU1_BREQ*	5-C3 8-D3 39-D3	CPU1_D*(44)	5-C1 8-D3 39-B3
CPU1_CPURST*	5-C3 8-B4 39-D3	CPU1_D*(43)	5-C1 8-D3 39-B3
CPU1_D*(39)	5-C1 8-D3 39-C3	CPU1_D*(27)	5-C2 8-D3 39-C3
CPU1_D*(38)	5-C1 8-D3 39-C3	CPU1_D*(26)	5-C2 8-D3 39-C3
CPU1_D*(37)	5-C1 8-D3 39-C3	CPU1_D*(25)	5-C2 8-D3 39-C3
CPU1_D*(29)	5-C2 8-D3 39-C3	CPU1_D*(24)	5-C2 8-D3 39-C3
CPU1_D*(28)	5-C2 8-D3 39-C3	CPU1_D*(23)	5-C2 8-D3 39-C3
CPU1_D*(10)	5-C2 8-D3 39-D3	CPU1_D*(19)	5-C2 8-D3 39-C3
CPU1_D*(1)	5-C2 8-D3 39-D3	CPU1_D*(18)	5-C2 8-D3 39-C3
CPU1_D*(0)	5-C2 8-D3 39-D3	CPU1_D*(17)	5-C2 8-D3 39-C3
CPU1_D*(13)	5-C2 8-D3 39-D3	CPU1_D*(2)	5-C2 8-D3 39-C3
CPU1_D*(12)	5-C2 8-D3 39-D3	CPU1_D*(22)	5-C2 8-D3 39-C3
CPU1_D*(11)	5-C2 8-D3 39-D3	CPU1_D*(41)	5-C1 8-D3 39-B3

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CPU1_D*(59)	5-C1 8-D3 39-B3	CPU1_HIT*	5-C3 8-D3 39-D3
CPU1_D*(58)	5-C1 8-D3 39-B3	CPU1_HITM*	5-C3 8-D3 39-D3
CPU1_D*(57)	5-C1 8-D3 39-B3	CPU1_IGNNE*	5-B3 15-C2 39-D3
CPU1_D*(56)	5-C1 8-D3 39-B3	CPU1_INIT*	5-C3 15-C2 18-C4 39-C3
CPU1_D*(55)	5-C1 8-D3 39-B3	CPU1_INTR	5-B3 15-C2 39-C3
CPU1_D*(51)	5-C1 8-D3 39-B3	CPU1_LOCK*	5-C3 8-D3 39-C3
CPU1_D*(50)	5-C1 8-D3 39-B3	CPU1_NMI	5-B3 15-C2 39-C3
CPU1_D*(49)	5-C1 8-D3 39-B3	CPU1_PROCHOT*	6-C3 7-B4 39-C3
CPU1_D*(52)	5-C1 8-D3 39-B3	CPU1_PSI*	6-A3 34-C4 39-C3
CPU1_D*(46)	5-C1 8-D3 39-B3	CPU1_PWRGDCPU	6-C3 15-C2 39-C3
CPU1_D*(54)	5-C1 8-D3 39-B3	CPU1_REQ*(3)	5-C4 8-C4 39-C3
CPU1_D*(48)	5-C1 8-D3 39-B3	CPU1_REQ*(4)	5-C4 8-C4 39-C3
CPU1_D*(30)	5-C2 8-D3 39-C3	CPU1_REQ*(2)	5-C4 8-C4 39-C3
CPU1_D*(3)	5-C2 8-D3 39-C3	CPU1_REQ*(0)	5-C4 8-C4 39-C3
CPU1_D*(63:0)	8-D3	CPU1_REQ*(1)	5-C4 8-C4 39-C3
CPU1_D*(63:48)	5-C1	CPU1_REQ*(4:0)	5-C4 8-C4
CPU1_D*(31:16)	5-C2	CPU1_RS0*	5-B3 8-D3 39-C3
CPU1_D*(15:0)	5-C2	CPU1_RS1*	5-C3 8-D3 39-C3
CPU1_D*(47:32)	5-C1	CPU1_RS2*	5-C3 8-D3 39-C3
CPU1_DBI0*	5-C2 8-B4 39-A3	CPU1_SLP*	6-C3 15-D2 39-C3
CPU1_DBI1*	5-B2 8-B4 39-A3	CPU1_SMI*	5-B3 15-C2 39-C3
CPU1_DBI2*	5-C1 8-B4 39-A3	CPU1_STPCLK*	5-B3 15-C2 39-C3
CPU1_DBI3*	5-B1 8-B4 39-A3	CPU1_TCK	6-A2 7-B2 39-C3
CPU1_DBSY*	5-C3 8-D3 39-A3	CPU1_TDI	6-A2 7-B2 39-C3
CPU1_DEFER*	5-C3 8-D3 39-A3	CPU1_TDO	6-A2 7-B2 39-C3
CPU1_DPSLP*	6-C3 10-B2 15-D2 39-A3	CPU1_THRMTRIP*	6-B3 7-C2 16-D4 39-C3
CPU1_DPWR*	6-C3 10-B2 39-A3	CPU1_TMS	6-A2 7-B2 39-C3
CPU1_DRDY*	5-C3 8-D3 39-A3	CPU1_TRDY*	5-C3 8-D3 39-C3
CPU1_DSTBN0*	5-C2 8-B4 39-A3	CPU1_TRST*	6-A2 7-B2 39-C3
CPU1_DSTBN1*	5-B2 8-B4 39-A3	CPU2_THERMDA	6-B3 7-C4 39-C3
CPU1_DSTBN2*	5-C1 8-B4 39-A3	CPU2_THERMDC	6-B3 7-C4 39-C3
CPU1_DSTBN3*	5-B1 8-B4 39-A3	CPU3_VID(4)	6-B3 34-B1 39-B3
CPU1_DSTBP0*	5-C2 8-B4 39-D3	CPU3_VID(3)	6-B3 34-B1 39-B3
CPU1_DSTBP1*	5-B2 8-B4 39-D3	CPU3_VID(1)	6-B3 34-B1 39-C3
CPU1_DSTBP2*	5-C1 8-B4 39-D3	CPU3_VID(5)	6-B3 34-B1 39-B3
CPU1_DSTBP3*	5-B1 8-B4 39-D3	CPU3_VID(2)	6-B3 34-B1 39-B3
CPU1_FERR*	5-B3 15-D2 39-D3	CPU3_VID(0)	6-B3 34-B1 39-C3

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DVO1_BFIELD	10-C4 10-C1 39-B3	HDD5_CS1*	16-C2 25-D2 39-A3
DVO1_BINTR*	10-C4 10-D1 39-B3	HDD5_CS3*	16-C2 25-D2 39-D2
DVO1_CBLANK*	10-C4 19-C4 39-B3	HDD5_D(8)	16-C2 25-B2 39-C2
DVO1_CCLK	10-C4 19-C4 39-B3	HDD5_D(1)	16-C2 25-C2 39-D2
DVO1_CCLK*	10-C4 19-C4 39-B3	HDD5_D(0)	16-C2 25-C2 39-D2
DVO1_CD(9)	10-C4 19-D4 39-B3	HDD5_D(10)	16-C2 25-B2 39-D2
DVO1_CD(7)	10-C4 19-D4 39-B3	HDD5_D(11)	16-C2 25-B2 39-D2
DVO1_CD(5)	10-C4 19-D4 39-B3	HDD5_D(12)	16-C2 25-B2 39-D2
DVO1_CD(1)	10-C4 19-D4 39-B3	HDD5_D(9)	16-C2 25-B2 39-C2
DVO1_CD(3)	10-C4 19-D4 39-B3	HDD5_D(13)	16-C2 25-B2 39-D2
DVO1_CD(10)	10-C4 19-D4 39-B3	HDD5_D(14)	16-C2 25-B2 39-D2
DVO1_CD(0)	10-C4 19-D4 39-B3	HDD5_D(15)	16-C2 25-B2 39-D2
DVO1_CD(2)	10-C4 19-D4 39-B3	HDD5_D(7)	16-C2 25-C2 39-C2
DVO1_CD(11)	10-C4 19-D4 39-B3	HDD5_D(6)	16-C2 25-C2 39-C2
DVO1_CD(6)	10-C4 19-D4 39-B3	HDD5_D(5)	16-C2 25-C2 39-C2
DVO1_CD(4)	10-C4 19-D4 39-B3	HDD5_D(4)	16-C2 25-C2 39-C2
DVO1_CD(8)	10-C4 19-D4 39-B3	HDD5_D(3)	16-C2 25-C2 39-C2
DVO1_CD(11:0)	10-C4 19-D4	HDD5_D(2)	16-C2 25-C2 39-C2
DVO1_CFIELD	10-C4 10-C1 39-B3	HDD5_D(8:15)	25-B2
DVO1_CHSYNC	10-C4 19-C4 39-B3	HDD5_D(0:7)	25-C2
DVO1_CLK	10-C1 19-C4 39-B3	HDD5_D(0:15)	16-C2
DVO1_CVSYNC	10-C4 19-C4 39-B3	HDD5_DACK*	16-C2 25-C2 39-C2
DVO1_DATA	10-C1 19-C4 39-B3	HDD5_DREQ	16-C2 25-C2 39-C2
DVO1_DPMS	10-C1 10-B4 39-B3	HDD5_IOR*	16-C2 25-C2 39-C2
DVO1_VREF	10-B1 10-B4 39-B3	HDD5_IORDY	16-C2 25-C2 39-C2
FAN3_FDBACK*	17-C2 26-B2 39-A3	HDD5_IOW*	16-C2 25-C2 39-C2
GMCH1_HAVREF	8-A4 8-D2 39-A3	HDD5_LED*	25-A4 25-D2 39-C2
GMCH1_HCCVREF	8-A4 8-D1 39-A3	HP5_LINE_OUT_L	24-B1 24-C3 39-C2
GMCH1_HDVREF	8-C2 8-B4 39-A3	HP5_LINE_OUT_R	24-B1 24-C3 39-C2
GMCH1_HXSWING	8-C1 8-B4 39-A3	HP_IN	24-C4 24-B1 24-B1 39-C2
GMCH1_HYSWING	8-B4 8-C2 39-A3	HUB1_HL(2)	8-A4 15-C2 39-C2
GMCH1_PSWING	8-A3 8-B1 39-A3	HUB1_HL(1)	8-A4 15-C2 39-C2
GMCH1_SMVSWINGH	9-A2 9-D1 39-A3	HUB1_HL(8)	8-A4 15-C2 39-C2
GMCH1_SMVSWINGL	9-B2 9-C1 39-A3	HUB1_HL(10)	8-A4 15-C2 39-C2
HDD3_LED*	25-A3 29-C3 39-A3	HUB1_HL(6)	8-A4 15-C2 39-C2
HDD5_A0	16-C2 25-C2 39-A3	HUB1_HL(0)	8-A4 15-C2 39-C2
HDD5_A1	16-C2 25-C2 39-A3	HUB1_HL(4)	8-A4 15-C2 39-C2

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HUB1_HL(3)	8-A4 15-C2 39-C2	KBC3_PWRON*	33-A3 33-D3 33-A4 33-A2 39-A2
HUB1_HL(9)	8-A4 15-C2 39-C2		
HUB1_HL(5)	8-A4 15-C2 39-C2	KBC3_PWRSW*	26-D4 26-A2 29-C3 39-A2
HUB1_HL(0:10)	8-A4 15-C2	KBC3_QS*	26-C2 32-B4 32-B1 39-A2
HUB1_HVSWING	15-C2 15-D1 39-C2	KBC3_QSLIM	26-B2 32-B4 39-A2
HUB1_REF_GMCH	8-A3 8-B1 39-B2	KBC3_RSMRST*	16-D4 16-B1 26-C2 39-A2
HUB1_REF_ICh	15-C2 15-D1 39-B2	KBC3_RST*	26-D4 31-D4 39-A2
HUB1_STB	8-A3 15-C2 39-B2	KBC3_RUNSCI*	15-B2 26-C4 39-A2
HUB1_STB*	8-A3 15-C2 39-B2	KBC3_SCLED*	26-C4 29-C4 39-A2
IMVP4_PWRGD	4-C4 10-B2 26-B2 34-D1 39-B2	KBC3_SICEN*	20-A3 26-C4 39-A2
INV_VDC	20-B3 20-D4 32-A3 39-B2	KBC3_SMCLK*	26-A2 32-B1 39-A2
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ISA3_IRQ(15)	15-B2 15-C4 25-C4 39-B2	KBC3_SPDIF_ON*	24-B2 26-C4 39-A2
ISL6225VCC_P5V	30-C3 30-A4 36-D4 36-B3 39-B2	KBC3_SPKR	24-A4 26-C4 39-A2
KBC3_A20G	15-C2 26-B1 39-B2	KBC3_SUSPWR	26-C2 29-D1 30-B4 31-B1 36-B4 36-B1 36-A4 39-A2
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KBC3_BRIT	20-B1 26-B2 39-B2	KBC3_THERM_ALERT*	7-C3 26-B2 39-D2
KBC3_CAPSLED*	26-C4 29-C3 39-B2	KBC3_THERM_SMCLK	7-C3 26-B2 39-D2
KBC3_CHGEN	26-C2 32-B4 32-C4 39-B2	KBC3_THERM_SMDATA	7-C3 26-C2 39-D2
KBC3_CPURST*	15-C2 26-B2 39-B2	KBC3_VRON	26-C2 35-B4 39-D2
KBC3_CPUVRON	26-D1 34-A4 39-B2	KBC3_WAKESCI*	15-B2 26-B2 39-D2
KBC3_EXTSMI*	15-B2 26-C4 39-B2	KBC3_WLANON	23-C4 26-C4 39-D2
KBC3_EZ_BTN0*	26-C4 29-C4 39-B2	KBC5_KSI(6)	26-B4 29-D3 39-C2
KBC3_EZ_BTN1*	26-C4 29-C3 39-B2	KBC5_KSI(2)	26-B4 29-D3 39-C2
KBC3_EZ_BTN2*	26-B4 29-C4 39-B2	KBC5_KSI(1)	26-B4 29-D3 39-C2
KBC3_FANCTRL	17-A1 26-B2 39-B2	KBC5_KSI(0)	26-B4 29-D3 39-C2
KBC3_FANPWM	17-B2 26-D2 39-B2	KBC5_KSI(7)	26-B4 29-D3 39-C2
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KBC3_LAN_PWROK	15-D2 26-C2 27-C1 39-B2	KBC5_KSI(4)	26-B4 29-D3 39-C2
KBC3_LBLED*	26-C4 29-B4 39-B2	KBC5_KSI(3)	26-B4 29-D3 39-C2
KBC3_NUMLED*	26-C4 29-C4 39-B2	KBC5_KSO(7)	26-B4 29-D3 39-C2
KBC3_PWRBTN*	16-D4 26-C2	KBC5_KSO(8)	26-B4 29-D3 39-C2
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KBC3_PWRON	26-C4 29-D2 30-A4 31-C4	KBC5_KSO(6)	26-B4 29-D3 39-C2
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		KBC5_KSO(5)	26-B4 29-D3 39-C2
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KBC5_KSO(15)	26-B4 29-D3 39-C2	LPC3_LAD(0)	16-C3 18-B3 26-C2 39-B2
KBC5_KSO(13)	26-B4 29-D3 39-C2	LPC3_LAD(3)	16-C3 18-B3 26-C2 39-A2
KBC5_KSO(10)	26-B4 29-D3 39-C2	LPC3_LAD(1)	16-C3 18-B3 26-C2 39-B2
KBC5_KSO(11)	26-B4 29-D3 39-C2	LPC3_LAD(2)	16-C3 18-B3 26-C2 39-B2
KBC5_KSO(1)	26-B4 29-D3 39-C2	LPC3_LAD(0:3)	16-C3 18-B3 26-C2
KBC5_KSO(0)	26-B4 29-D3 39-C2	LPC3_LFRAME*	16-B3 18-B3 26-C2 39-A2
KBC5_KSO(2)	26-B4 29-D3 39-C2	MDC_AUDIN	24-A4 28-B2 39-A2
KBC5_KSO(12)	26-B4 29-D3 39-C2	MEM2_BS0	9-C2 12-C4 13-D4 14-C1 39-A2
KBC5_SPK_MUTE*	24-B1 26-D4 39-C2	MEM2_BS1	9-C2 12-C4 13-D4 14-C1 39-A2
KBC5_TCLK	26-C4 29-B3 39-C2	MEM2_CB(2)	9-B3 13-B4 39-A2
KBC5_TDATA	26-C4 29-B3 39-B2	MEM2_CB(3)	9-B3 13-B4 39-A2
LAN3_PHYCLK	15-D2 27-C4 39-B2	MEM2_CB(4)	9-B3 13-B4 39-A2
LAN3_PHYRST	15-D2 27-C3 39-B2	MEM2_CB(0)	9-B3 13-B4 39-A2
LAN3_RXD0	15-D3 27-C4 39-B2	MEM2_CB(7)	9-B3 13-B4 39-A2
LAN3_RXD1	15-D3 27-C4 39-B2	MEM2_CB(5)	9-B3 13-B4 39-A2
LAN3_RXD2	15-D3 27-C4 39-B2	MEM2_CB(6)	9-B3 13-B4 39-A2
LAN3_TXD0	15-D3 27-C3 39-B2	MEM2_CB(1)	9-B3 13-B4 39-A2
LAN3_TXD1	15-D3 27-C3 39-B2	MEM2_CB(7:0)	9-B3 13-B4
LAN3_TXD2	15-D3 27-C3 39-B2	MEM2_CKE0	9-C2 12-C3 14-C1 39-A2
LAN5_RD+	27-B3 27-B3 39-B2	MEM2_CKE1	9-C2 12-B3 14-C1 39-D1
LAN5_RD-	27-A3 27-B3 39-B2	MEM2_CKE2	9-C2 12-C4 14-C1 39-D1
LAN5_TD+	27-B3 27-B3 39-B2	MEM2_CKE3	9-C2 12-B4 14-C1 39-D1
LAN5_TD-	27-B3 27-A3 39-B2	MEM2_CSA0*	9-C2 12-B3 14-D1 39-D1
LAN_RDN	27-D3 27-B4 39-B2	MEM2_CSA1*	9-C2 12-B3 14-D1 39-D1
LAN_RDP	27-D3 27-B4 39-B2	MEM2_CSA2*	9-C2 12-B4 14-D1 39-D1
LAN_TDN	27-D3 27-A4 39-B2	MEM2_CSA3*	9-C2 12-B4 14-D1 39-D1
LAN_TDP	27-D3 27-B4 39-B2	MEM2_DM(7)	9-B2 13-A4 39-C1
LCD3_BKLTON	20-C1 20-D4 39-B2	MEM2_DM(4)	9-B2 13-A4 39-C1
LCD3_BRIT	10-B2 20-B1 26-D2	MEM2_DM(3)	9-B2 13-A4 39-C1
LCD3_SIC	20-B3 39-B2	MEM2_DM(5)	9-B2 13-A4 39-C1
LCD5_BRIT	20-B3 39-B2	MEM2_DM(0)	9-B2 13-A4 39-D1
LCD_TYPE0	16-B3 20-D3 20-D4	MEM2_DM(1)	9-B2 13-A4 39-D1
LCD_TYPE1	16-B3 20-D3 20-D4	MEM2_DM(6)	9-B2 13-A4 39-C1
LCD_VDD3V	20-B3 20-C4 39-B2	MEM2_DM(2)	9-B2 13-A4 39-C1
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MEM2_DQS(3)	9-D2 13-C4 39-C1	MEM2_MAB(2:1)	9-C2 12-D4 14-D4
MEM2_DQS(7)	9-D2 13-C4 39-C1	MEM2_MAB(5:4)	9-C2 12-D4 14-C4
MEM2_DQS(1)	9-D2 13-C4 39-C1	MEM2_MD(39)	9-D3 13-D3 39-A1
MEM2_DQS(8)	9-D2 13-C4 39-C1	MEM2_MD(46)	9-D3 13-D3 40-D4
MEM2_DQS(5)	9-D2 13-C4 39-C1	MEM2_MD(42)	9-D3 13-D3 39-A1
MEM2_DQS(0)	9-D2 13-C4 39-C1	MEM2_MD(19)	9-D3 13-D3 39-B1
MEM2_DQS(6)	9-D2 13-C4 39-C1	MEM2_MD(21)	9-D3 13-D3 39-B1
MEM2_DQS(4)	9-D2 13-C4 39-C1	MEM2_MD(51)	9-D3 13-D3 40-D4
MEM2_DQS(8:0)	9-D2 13-C4	MEM2_MD(31)	9-D3 13-D3 39-A1
MEM2_MAA(5)	9-D2 12-D3 14-D4 39-C1	MEM2_MD(54)	9-D3 13-D3 40-D4
MEM2_MAA(4)	9-D2 12-D3 14-D4 39-C1	MEM2_MD(26)	9-D3 13-D3 39-B1
MEM2_MAA(7)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(63)	9-D3 13-D3 40-C4
MEM2_MAA(10)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(10)	9-D3 13-D3 39-B1
MEM2_MAA(1)	9-D2 12-D3 14-D4 39-C1	MEM2_MD(32)	9-D3 13-D3 39-A1
MEM2_MAA(9)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(7)	9-D3 13-D3 40-C4
MEM2_MAA(8)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(6)	9-D3 13-D3 40-C4
MEM2_MAA(11)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(25)	9-D3 13-D3 39-B1
MEM2_MAA(2)	9-D2 12-D3 14-D4 39-C1	MEM2_MD(30)	9-D3 13-D3 39-A1
MEM2_MAA(6)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(17)	9-D3 13-D3 39-B1
MEM2_MAA(12)	9-C2 12-D4 13-C4 14-C4 39-C1	MEM2_MD(59)	9-D3 13-D3 40-C4
MEM2_MAA(5:4)	9-D2 12-D3 14-D4	MEM2_MD(9)	9-D3 13-D3 40-C4
MEM2_MAA(2:1)	9-D2 12-D3 14-D4	MEM2_MD(45)	9-D3 13-D3 40-D4
MEM2_MAA(12:6)	9-C2 12-D4 13-C4 14-C4	MEM2_MD(52)	9-D3 13-D3 40-D4
MEM2_MAA0	9-D2 12-D4 13-D4 14-D4 39-C1	MEM2_MD(43)	9-D3 13-D3 40-D4
MEM2_MAA3	9-D2 12-D4 13-D4 14-D4 39-C1	MEM2_MD(48)	9-D3 13-D3 40-D4
MEM2_MAB(5)	9-C2 12-D4 14-C4 39-B1	MEM2_MD(22)	9-D3 13-D3 39-B1
		MEM2_MD(12)	9-D3 13-D3 39-B1
		MEM2_MD(50)	9-D3 13-D3 40-D4
		MEM2_MD(23)	9-D3 13-D3 39-B1
		MEM2_MD(27)	9-D3 13-D3 39-B1
		MEM2_MD(38)	9-D3 13-D3 39-A1
		MEM2_MD(2)	9-D3 13-D3 39-B1
		MEM2_MD(58)	9-D3 13-D3 40-C4
		MEM2_MD(28)	9-D3 13-D3 39-B1
		MEM2_MD(35)	9-D3 13-D3 39-A1

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MEM2_MD(11)	9-D3 13-D3 39-B1	MEM2_RCB(7)	12-C4 12-C3 13-B3 14-B4 40-C4
MEM2_MD(14)	9-D3 13-D3 39-B1	MEM2_RCB(4)	12-C4 12-C3 13-B3 14-B4 40-C4
MEM2_MD(57)	9-D3 13-D3 40-C4	MEM2_RCB(2)	12-C4 12-C3 13-B3 14-B4 40-C4
MEM2_MD(41)	9-D3 13-D3 39-A1	MEM2_RCB(5)	12-C4 12-C3 13-B3 14-B4 40-C4
MEM2_MD(20)	9-D3 13-D3 39-B1	MEM2_RCB(3)	12-C4 12-C3 13-B3 14-B4 40-C4
MEM2_MD(16)	9-D3 13-D3 39-B1	MEM2_RCB(7:0)	12-C4 12-C3 13-B3 14-B4
MEM2_MD(60)	9-D3 13-D3 40-C4	MEM2_RDM(5)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(13)	9-D3 13-D3 39-B1	MEM2_RDM(8)	12-B4 12-B3 13-A3 14-A4 40-B4
MEM2_MD(36)	9-D3 13-D3 39-A1	MEM2_RDM(6)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(15)	9-D3 13-D3 39-B1	MEM2_RDM(3)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(62)	9-D3 13-D3 40-C4	MEM2_RDM(7)	12-B4 12-B3 13-A3 14-A4 40-B4
MEM2_MD(33)	9-D3 13-D3 39-A1	MEM2_RDM(1)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(3)	9-D3 13-D3 39-B1	MEM2_RDM(0)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(4)	9-D3 13-D3 39-A1	MEM2_RDM(4)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(1)	9-D3 13-D3 39-B1	MEM2_RDM(2)	12-B4 12-B3 13-A3 14-A4 40-C4
MEM2_MD(0)	9-D3 13-D3 39-B1	MEM2_RDM(8:0)	12-B4 12-B3 13-A3 14-A4
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MEM2_MD(40)	9-D3 13-D3 39-A1	MEM2_RDQS(0)	12-B4 12-B3 13-C3 14-C4 40-B4
MEM2_MD(8)	9-D3 13-D3 40-C4	MEM2_RDQS(4)	12-B4 12-B3 13-C3 14-C4 40-B4
MEM2_MD(5)	9-D3 13-D3 40-D4		
MEM2_MD(29)	9-D3 13-D3 39-B1		
MEM2_MD(55)	9-D3 13-D3 40-D4		
MEM2_MD(49)	9-D3 13-D3 40-D4		
MEM2_MD(61)	9-D3 13-D3 40-C4		
MEM2_MD(56)	9-D3 13-D3 40-C4		
MEM2_MD(24)	9-D3 13-D3 39-B1		
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MEM2_MD(37)	9-D3 13-D3 39-A1		
MEM2_MD(47)	9-D3 13-D3 40-D4		
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MEM2_RDQS(8)	12-B4 12-B3 13-C3 14-C4 40-B4	MEM2_RMD(42)	12-D4 12-D3 13-D1 14-D3 40-C4
MEM2_RDQS(3)	12-B4 12-B3 13-C3 14-C4 40-B4	MEM2_RMD(61)	12-D4 12-D3 13-D1 14-D3 40-C4
MEM2_RDQS(1)	12-B4 12-B3 13-C3 14-C4 40-B4	MEM2_RMD(31)	12-D4 12-D3 13-D1 14-D3 40-D4
MEM2_RDQS(6)	12-B4 12-B3 13-C3 14-C4 40-B4	MEM2_RMD(30)	12-D4 12-D3 13-D1 14-D3 40-D4
MEM2_RDQS(5)	12-B4 12-B3 13-C3 14-C4 40-B4	MEM2_RMD(37)	12-D4 12-D3 13-D1 14-D3 40-C4
MEM2_RDQS(8:0)	12-B4 12-B3 13-C3 14-C4	MEM2_RMD(28)	12-D4 12-D3 13-D1 14-D3 40-D4
MEM2_RMAA(11)	12-D3 13-C3 40-B4	MEM2_RMD(0)	12-D4 12-D3 13-D1 14-D3 40-B4
MEM2_RMAA(7)	12-D3 13-C3 40-B4	MEM2_RMD(7)	12-D4 12-D3 13-D1 14-D3 40-B4
MEM2_RMAA(8)	12-D3 13-C3 40-B4	MEM2_RMD(19)	12-D4 12-D3 13-D1 14-D3 40-A4
MEM2_RMAA(10)	12-D3 13-C3 40-B4	MEM2_RMD(22)	12-D4 12-D3 13-D1 14-D3 40-A4
MEM2_RMAA(9)	12-D3 13-C3 40-B4	MEM2_RMD(1)	12-D4 12-D3 13-D1 14-D3 40-B4
MEM2_RMAA(12)	12-D3 13-C3 40-B4	MEM2_RMD(14)	12-D4 12-D3 13-D1 14-D3 40-B4
MEM2_RMAA(6)	12-D3 13-C3 40-B4	MEM2_RMD(50)	12-D4 12-D3 13-D1 14-D3 40-C4
MEM2_RMAA(12:6)	12-D3 13-C3	MEM2_RMD(5)	12-D4 12-D3 13-D1 14-D3 40-C4
MEM2_RMAA0	12-D3 13-D3 40-B4	MEM2_RMD(8)	12-D4 12-D3 13-D1 14-D3 40-B4
MEM2_RMAA3	12-D3 13-D3 40-B4	MEM2_RMD(2)	12-D4 12-D3 13-D1 14-D3 40-A4
MEM2_RMD(21)	12-D4 12-D3 13-D1 14-D3 40-A4	MEM2_RMD(36)	12-D4 12-D3 13-D1 14-D3 40-D4
MEM2_RMD(63)	12-D4 12-D3 13-D1 14-D3 40-B4	MEM2_RMD(39)	12-D4 12-D3 13-D1 14-D3
MEM2_RMD(40)	12-D4 12-D3 13-D1 14-D3 40-C4		
MEM2_RMD(58)	12-D4 12-D3 13-D1 14-D3 40-C4		
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MEM2_RMD(16)	12-D4 12-D3 13-D1 14-D3 40-A4		
MEM2_RMD(48)	12-D4 12-D3 13-D1 14-D3 40-C4		
MEM2_RMD(33)	12-D4 12-D3 13-D1 14-D3		

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MEM2_RMD(4)	40-A4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(12)	40-B4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(51)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(55)	40-B4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(26)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(53)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(45)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(11)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(62)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(46)	40-B4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(44)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(49)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(20)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(17)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(18)	40-A4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(25)	40-A4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(29)	40-A4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(10)	40-D4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(56)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(41)	40-B4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(57)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(41)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(34)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(60)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(32)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(43)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(35)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(47)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(38)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(52)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(6)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(3)	40-C4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(27)	40-C4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(59)	40-D4 12-D4 12-D3 13-D1 14-D3
MEM2_RMD(15)	40-D4 12-D4 12-D3 13-D1 14-D3	MEM2_RMD(54)	40-C4 12-D4 12-D3 13-D1 14-D3
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MEM2_RSWEA*	12-B3 13-D3 40-B4	PCI3_AD(12)	15-D3 21-C4 23-D4 40-B3
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PCI3_AD(22)	15-D3 21-C4 23-D4 40-B3	PCI3_CBE0*	15-B3 21-B4 23-B2 40-A3
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PCI3_AD(23)	15-D3 21-C4 23-D4 23-C2 40-B3	PCI3_CBE2*	15-B3 21-B4 23-B4 40-A3
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PCI3_AD(30)	15-D3 21-C4 23-D4 40-B3	PCI3_CLKRUN*	15-A2 15-D4 21-B4 23-B4 26-B2 40-A3
PCI3_AD(20)	15-D3 21-C4 23-D4 40-B3	PCI3_DEVSEL*	15-B3 15-D4 21-B4 23-B2 40-A3
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PCI3_AD(29)	15-D3 21-C4 23-D4 40-B3	PCI3_INTB*	15-B2 15-C4 21-A4 40-D3
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PCI3_AD(3)	15-D3 21-C4 23-D4 40-B3	PCI3_INTD*	15-B2 15-C4 40-D3
PCI3_AD(14)	15-D3 21-C4 23-D4 40-B3	PCI3_INTE*	15-C4 15-B2 23-C2 40-D3
PCI3_AD(6)	15-D3 21-C4 23-D4 40-B3	PCI3_INTF*	15-C4 15-B2 23-C4 40-D3
PCI3_AD(27)	15-D3 21-C4 23-D4 40-B3	PCI3_IRDY*	15-B3 15-C4 21-B4 23-B4 40-D3
PCI3_AD(13)	15-D3 21-C4 23-D4 40-B3	PCI3_PAR	15-B3 15-D4 21-B4 23-B2 40-D3
PCI3_AD(5)	15-D3 21-C4 23-D4 40-B3	PCI3_PERR*	15-B3 15-D4 21-B4 23-B4 40-D3
PCI3_AD(8)	15-D3 21-C4 23-D4 40-B3	PCI3_PLOCK*	15-B3 15-D4 40-D3
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PCI3_AD(19)	15-D3 21-B4 21-C4 23-D4 40-B3	PCI3_REQ1*	15-B3 15-C4 21-B4 40-D3
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PCI3_AD(26)	15-D3 21-C4 23-D4 40-B3		

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PCI3_RSTF*	15-B3 15-C1 18-B4 40-C3	VCCADPLLA	11-B2 11-C4 40-B3
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PCI3_STOP*	15-B3 15-D4 21-B4 23-B2 40-C3	VCCASM	11-A2 11-A3 40-B3
PCI3_TRDY*	15-B3 15-C4 21-B4 23-B2 40-C3	VCCQSM	11-A2 11-A3 40-B3
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S1-	34-B4 34-D1 40-C3	VGA3_A0-	10-C2 20-D4 40-B3
S2+	34-B4 34-B1 34-B4 40-C3	VGA3_A1+	10-C2 20-D4 40-B3
S2-	34-B4 34-B1 40-C3	VGA3_A1-	10-C2 20-D4 40-B3
SIC3_BRIT	20-B1 20-D4 40-C3	VGA3_A2+	10-C2 20-C4 40-B3
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SMB3_DATA	4-C3 4-A2 12-B4 12-B3 16-D2 40-C3	VGA3_B0-	10-C2 20-C4
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SYSTEM_SENSE+	29-D2 32-C4 40-C3	VGA3_B1-	10-C2 20-C4
SYSTEM_SENSE-	29-D1 32-C4 40-C3	VGA3_B2+	10-C2 20-C4
TV3_CLKOUTINT	10-C4 10-C1 19-C4 40-C3	VGA3_B2-	10-C2 20-C4
TV3_VREF	19-C4 19-A4 40-C3	VGA3_BCLK+	10-C2 20-C4
USB3_OC0*	16-A3 16-B1 40-C3	VGA3_BCLK-	10-C2 20-C4
USB3_OC1*	16-A3 16-B1 40-C3	VGA3_BCLKTON	10-B2 20-C2 40-B3
USB3_OC2*	16-A3 16-B1 40-C3	VGA3_BLUE	10-D2 19-C2 40-B3
USB3_OC3*	16-A3 16-B1 40-C3	VGA3_C	19-C3 29-C1 40-B3
USB3_OC4*	16-A3 16-B1 40-C3	VGA3_CLK+	10-C2 20-C4 40-B3
USB3_OC5*	16-A3 16-B1 40-C3	VGA3_CLK-	10-C2 20-C4 40-B3
USB3_P0+	16-B3 28-C3 40-C3	VGA3_DDCC	10-C2 20-D2 40-B3
USB3_P0-	16-B3 28-D3 40-C3	VGA3_DDCCD	10-C2 20-D2 40-B3
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B2	3301-001434	32 2-D	C106	2203-005061	11 4-A	C143	2203-002720	26 2-A
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C157	2203-005061	11 2-B	C192	2203-005061	4 2-D	C227	2203-005061	17 4-C
C158	2203-005148	11 4-C	C193	2203-005061	4 1-C	C228	2203-005061	17 4-D
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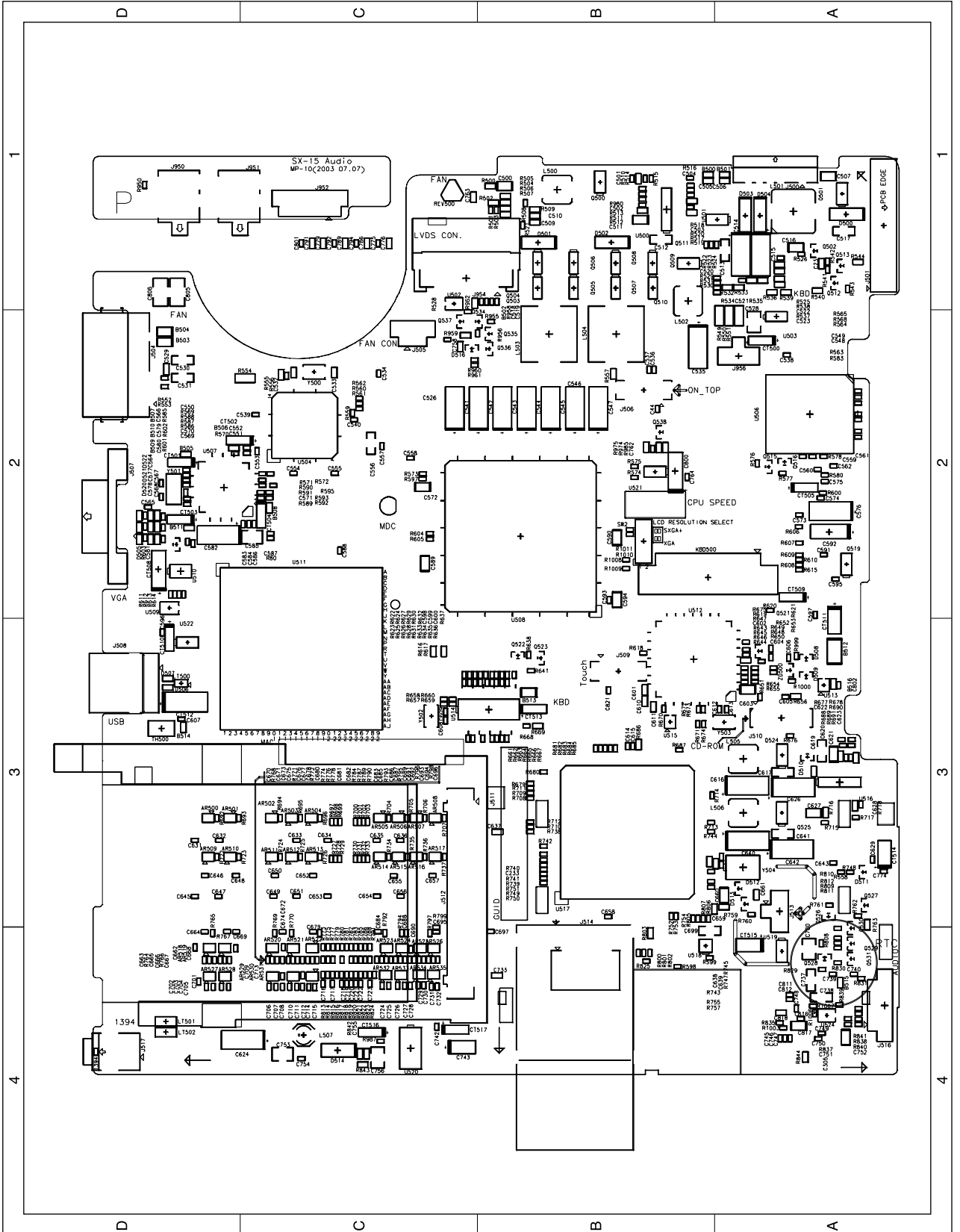
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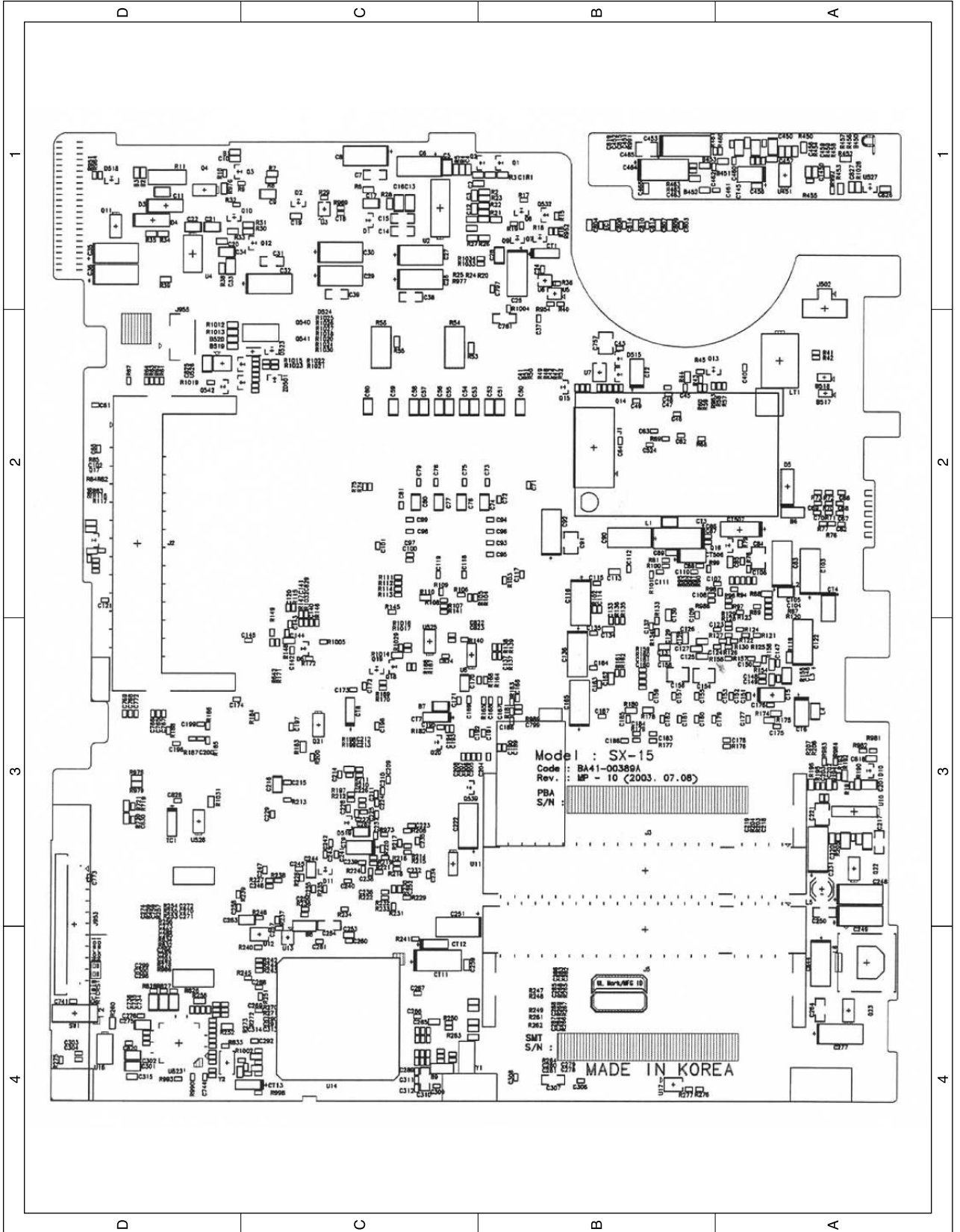
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TH500	1404-001065	28 2-D	U511-1	0904-001783	8 4-A	Y2	2801-004202	24 4-C
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U17	1203-002283	31 3-C	U515	0801-002628	4 4-C	ZD501	0403-000285	31 2-C
U2	1203-002746	34 3-C	U516	1203-002486	36 3-C			
U3	0801-002628	26 1-D	U517-1	0904-001719	15 3-A			

7-1-4 PCB SilkScreen





7-1-5 Parts List

Item No	Design LOC	품 명	Spec
0401-000191	D508	DIODE-SWITCHING	MMBD4148,75V,200mA,SOT-23,TP
0401-000191	D509	DIODE-SWITCHING	MMBD4148,75V,200mA,SOT-23,TP
0402-000511	D514	DIODE-SCHOTTKY	SS14,40V,1000MA,DO-214AC,TP
0402-001097	D5	DIODE-SCHOTTKY	B140,40V,1000MA,DO-214AC,TP
0402-001405	D500	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D501	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D502	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D503	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D3	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D4	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0404-000002	D11	DIODE-SCHOTTKY	CMP5H-3,30V,100mA,SOT-23,TP
0404-000002	D519	DIODE-SCHOTTKY	CMP5H-3,30V,100mA,SOT-23,TP
0404-000114	D505	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D511	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D512	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D513	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D515	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D6	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000157	D510	DIODE-SCHOTTKY	CMP5H-3A,30V,100mA,SOT-23,TP
0404-000157	D1	DIODE-SCHOTTKY	CMP5H-3A,30V,100mA,SOT-23,TP
0404-000157	D10	DIODE-SCHOTTKY	CMP5H-3A,30V,100mA,SOT-23,TP
0404-000157	D2	DIODE-SCHOTTKY	CMP5H-3A,30V,100mA,SOT-23,TP
0404-001020	D518	DIODE-SCHOTTKY	BAT54C,30V,200mA,SOT-23,TP
0406-001005	ZD500	DIODE-TVS	SM05,6V/1mA,300,SOT-23
0406-001141	D506	DIODE-TVS	PGB0010603NR,-/1000V,-,EIA-RS481
0406-001141	D507	DIODE-TVS	PGB0010603NR,-/1000V,-,EIA-RS481
0501-000458	Q527	TR-SMALL SIGNAL	KST222ATF,NPN,350mW,SOT-23,TP
0501-000463	Q526	TR-SMALL SIGNAL	KST2907A,PNP,350mW,SOT-23,TP,1
0501-000465	Q515	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000465	Q516	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000465	Q20	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000466	Q529	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0501-000466	Q530	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0501-000466	Q531	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0501-000467	Q539	TR-SMALL SIGNAL	MMBT3906,PNP,300mW,SOT-23,TP,30-300
0504-000127	Q13	TR-DIGITAL	KSR1102,NPN,200mW,10K/10K,SOT-23,TP
0504-000127	Q532	TR-DIGITAL	KSR1102,NPN,200mW,10K/10K,SOT-23,TP
0505-000110	Q502	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q512	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23

Item No	Design LOC	품 명	Spec
0505-000110	Q513	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q521	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q528	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q538	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q1	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q10	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q17	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q2	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q3	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q8	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000275	U521	FET-SILICON	SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,SO-8
0505-001056	Q501	FET-SILICON	IRF7205,P,-30V,-4.6A,0.070ohm,
0505-001056	Q11	FET-SILICON	IRF7205,P,-30V,-4.6A,0.070ohm,
0505-001056	Q4	FET-SILICON	IRF7205,P,-30V,-4.6A,0.070ohm,
0505-001064	Q16	FET-GAAS	BSS138,50V,14V,0.22A,360mW,SOT-23,TP
0505-001341	Q12	FET-SILICON	SI2307DS,P,-30V,-3A,0.08/0.14OHM,1.25W,SOT-23
0505-001341	Q14	FET-SILICON	SI2307DS,P,-30V,-3A,0.08/0.14OHM,1.25W,SOT-23
0505-001341	Q9	FET-SILICON	SI2307DS,P,-30V,-3A,0.08/0.14OHM,1.25W,SOT-23
0505-001507	Q519	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001507	Q21	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001507	U528	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001516	Q7	FET-SILICON	SI2315DS,P,-12V,+3.5A,0.118 ohm,1.25W,SOT-23
0505-001562	Q500	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q511	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q524	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q525	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q22	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q23	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001648	Q503	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0505-001648	Q504	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0505-001648	Q506	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0505-001648	Q507	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0505-001648	Q508	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0505-001648	Q509	FET-SILICON	IRF7811AV,N,30V,10.8A,11MOHM,2.5W,SO-8
0801-000304	U509	IC-CMOS LOGIC	7S04,INVERTER,SOT-23,5P,63MIL,SINGLE,TP,PLASTIC, -,-,0.33V,-40TO+85C,200MW,3.15V,
0801-002192	U509	IC-CMOS LOGIC	7S04,INVERTER,SOT-25,5P,63MIL,
0801-002252	U12	IC-CMOS LOGIC	7S14,INVERTER,SOT-25,5P,63MIL,
0801-002459	U513	IC-CMOS LOGIC	7SZ125,SIGNAL BUFFER,SOT-23,5P,-,-,TP,PLASTIC,

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0801-002628	U515	IC-CMOS LOGIC	3-STATE,-,-0.5VTO+6V,-40TO+85C,150 7SZ08,2-INPUT AND GATE,SC70,5P,49MIL,SINGLE,TP, PLASTIC,CMOS,-,0V,-40TO+85C,150MW
0801-002628	U13	IC-CMOS LOGIC	7SZ08,2-INPUT AND GATE,SC70,5P,49MIL,SINGLE,TP, PLASTIC,CMOS,-,0V,-40TO+85C,150MW
0801-002628	U5	IC-CMOS LOGIC	7SZ08,2-INPUT AND GATE,SC70,5P,49MIL,SINGLE,TP, PLASTIC,CMOS,-,0V,-40TO+85C,150MW
0801-002706	U524	IC-CMOS LOGIC	7S02,NOR GATE,SOT-23,5P,62MIL,-,TP,PLASTIC,-,-, 0V,-40TO+85C,200MW,0V,10UA,20MA,1
0902-001601	U508	IC-MICROPROCESSOR	BANIAS,64BIT,UFC-BGA,479P,-,1.3GHZ,-, 0.13U CMOS,PLASTIC,1.324V,-,-40TO+85C,-,-,2
0903-001313	U512	IC-MICROCOMPUTER	HD64F2160YV,32BIT,QFP,144P,630MIL,10MHZ,TR, CMOS,PLASTIC,3.3V,10MW,-20TO+75C,64KB
0904-001719	U517	IC-I/O CONTROLLER	82801DBM,32BIT,MBGA,421P,1220MIL,33,TR, CMOS,PLASTIC,3.3V,2W,0TO+110C,-,-,32BIT,-
0904-001756	U504	IC-PHERIPHERAL CONT.	82562EZ,3Bit,BGA,196P,15x15mm,50MHz,TR, -,PLASTIC,3.3V,300mW,0to+100C,-,-,3Bit,-
0904-001758	U14	IC-BUS CONTROLLER	R5C593,32Bit,BGA,272P,27x27mm,33MHz,-,-, PLASTIC,3.3V,-,-40to+85C,-,-,32Bit,-
0904-001783	U511	IC-MEMORY CONT.	Montara GM,64Bit,TR,732P,37.5*37.5 mm,100MHz, uFCBGA,-,Plastic,1.2V,2W,-55 to +15
1001-001097	U510	IC-ANALOG SWITCH	FST3125,BUS SWITCH,TSSOP,14P,173MIL,QUAD, 7V,-40TO+85C,PLASTIC,-,40HM,5.6NS,5.5NS
1103-001053	U11	IC-EEPROM	93C46,64x16BIT,SOP,8P,150MIL,1
1103-001239	U518	IC-EEPROM	S524C20D21,16KBIT,TSSOP,8P,173MIL,-,5V, 10%,PLASTIC,-25TO+70C,1MA,CMOS,TP
1107-001288	U506	IC-FLASH MEMORY	SST49LF004,512KX8BIT,PLCC,32P,488MIL,120NS,3.3V, 10%,PLASTIC,0TO+85C,100UA,CMOS,T
1201-000167	U501	IC-OP AMP	358,SOP,8P,150MIL,DUAL,100V/mV
1201-001125	U502	IC-OP AMP	75S01,SOP,5P,63MIL,SINGLE,100d
1201-001125	U7	IC-OP AMP	75S01,SOP,5P,63MIL,SINGLE,100d
1201-001991	U16	IC-AUDIO AMP	TPA6017A2PWPR,TSSOP,20P,6.5x4.4mm,4,21.6dB, PLASTIC,6V,1.4W,-40to+85C,,,,,TP
1203-000473	U519	IC-POSI.ADJUST REG.	2951,SOP,8P,-,PLASTIC,4.95/5.0
1203-001028	U520	IC-POWER SUPERVISOR	2563,SOP,28P,300MIL,PLASTIC,3.
1203-002203	U503	IC-POSI.ADJUST REG.	LP2951,SOP,8P,153MIL,PLASTIC,3.267/3.333V, -,40TO+125C,-,1.235V,TP
1203-002283	U17	IC-DC/DC CONVERTER	1930,SOT-23,5P,64MIL,PLASTIC,-,-,125C,-,-,TP
1203-002486	U500	IC-PWM CONTROLLER	ISL6225CA-T,SSOP,28P,153MIL,-,0.9/5.5V,-,-10TO+125C,

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1203-002486	U516	IC-PWM CONTROLLER	-,0.9V,TP ISL6225CA-T,SSOP,28P,153MIL,-,0.9/5.5V,-,-10TO+125C, -,0.9V,TP
1203-002486	U10	IC-PWM CONTROLLER	ISL6225CA-T,SSOP,28P,153MIL,-,0.9/5.5V,-,-10TO+125C, -,0.9V,TP
1203-002511	U4	IC-PWM CONTROLLER	MB3887,SSOP,24P,305MIL,PLASTIC,-,740MW, -10TO+85C,60MA,-,TP
1203-002746	U2	IC-SWITCH REG.	LTC3735EG,SSOP,36P,12.8X5.3MM,PLASTIC,1.342/1.37V, -, -40TO+85C,5A,0.7/1.708V,TP
1204-002157	U507	IC-ENCODER	CH7011A-T,LQFP,64P,10x10mm,PLASTIC,3.3V, -, -55to+85C,TP,-
1205-002323	U523	IC-CODEC	STAC9752T,TQFP,48P,7x7mm,PLASTIC,5V,-,0to+70C,-,AC
1205-002354	U514	IC-CLOCK GENERATOR	ICS950810CG-T,TSSOP,56P,14x6.1mm,PLASTIC,5.5V, -,0to+70C,TP,-
1209-001513	U525	IC-SENSOR	MAX6656MEE,QSOP,16P,8.65x3.9mm, PLASTIC,5.5V,667mW,-55to+125C,TP
1404-001065	TH500	THERMISTOR-PTC	0.11OHM,-, -13.2VAC,40A,1.5A,TP
2007-000033	R554	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000043	R976	R-CHIP	1Kohm,1%,1/10W,TP,1608
2007-000052	R537	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R30	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R31	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R33	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R35	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R721	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000060	R535	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R763	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R1	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R34	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R39	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000066	R536	R-CHIP	20Kohm,1%,1/10W,TP,1608
2007-000067	R843	R-CHIP	15Kohm,1%,1/10W,TP,1608
2007-000067	R1031	R-CHIP	15Kohm,1%,1/10W,TP,1608
2007-000067	R183	R-CHIP	15Kohm,1%,1/10W,TP,1608
2007-000070	R544	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R557	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R616	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R844	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R192	R-CHIP	0ohm,5%,1/10W,TP,1608

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2007-000070	R252	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R258	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R26	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R260	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R271	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R53	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R55	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R6	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R979	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R450	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R452	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R453	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000090	R1014	R-CHIP	10Kohm,5%,1/10W,TP,1608
2007-000102	R803	R-CHIP	100Kohm,5%,1/10W,TP,1608
2007-000102	R975	R-CHIP	100Kohm,5%,1/10W,TP,1608
2007-000102	R84	R-CHIP	100Kohm,5%,1/10W,TP,1608
2007-000109	R3	R-CHIP	1Mohm,5%,1/10W,TP,1608
2007-000109	R977	R-CHIP	1Mohm,5%,1/10W,TP,1608
2007-000124	R456	R-CHIP	2.2Kohm,5%,1/10W,TP,1608
2007-000132	R759	R-CHIP	180Kohm,5%,1/10W,TP,1608
2007-000134	R247	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R248	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R249	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R261	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R262	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R273	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000138	R1000	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R606	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R999	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R251	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R991	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000140	R1010	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R1011	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R528	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R633	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R658	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R760	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R810	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R1005	R-CHIP	1Kohm,5%,1/16W,TP,1005

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2007-000140	R191	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R221	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R276	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R47	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R68	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R79	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R97	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R973	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000141	R508	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R521	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R612	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R614	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R950	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R125	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R126	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R127	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R129	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R130	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R158	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R73	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R77	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R78	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R93	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000143	R603	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R744	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R754	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R755	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R974	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R17	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R185	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R186	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R187	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R188	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R256	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R86	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R990	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000147	R580	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R598	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R599	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005

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2007-000147	R600	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R607	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R608	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R609	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R610	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R615	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R671	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R713	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R714	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R739	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R741	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R749	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R750	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R751	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R116	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R117	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R218	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R224	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R229	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R230	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R231	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R232	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R233	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R234	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R236	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R245	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R51	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R82	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000148	R1008	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R1009	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R543	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R563	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R564	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R565	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R568	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R583	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R590	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R592	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R593	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005

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2007-000148	R595	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R621	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R645	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R646	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R649	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R652	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R659	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R668	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R672	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R676	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R679	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R681	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R685	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R708	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R709	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R710	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R711	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R712	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R743	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R752	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R757	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R801	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R802	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R805	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R806	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R807	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R811	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R812	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R830	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R1016	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R1017	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R146	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R147	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R149	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R16	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R165	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R171	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R172	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R18	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005

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2007-000148	R182	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R208	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R210	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R211	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R239	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R242	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R244	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R257	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R277	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R29	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R48	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R57	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R61	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R62	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R63	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R64	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R642	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R67	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R826	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R827	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R828	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R83	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R94	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R954	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R96	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R998	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R455	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000152	R243	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005
2007-000152	R259	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005
2007-000152	R461	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005
2007-000152	R462	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005
2007-000156	R761	R-CHIP	30Kohm,5%,1/16W,TP,1005
2007-000157	R620	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R653	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R253	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R255	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R52	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000162	R674	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R808	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005

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2007-000162	R838	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R839	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R121	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R19	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R227	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R238	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R952	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000170	R246	R-CHIP	1Mohm,5%,1/16W,DA,TP,1005
2007-000171	R1006	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R516	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R559	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R571	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R572	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R654	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R655	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R718	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R80	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R837	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R987	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R1002	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R1003	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R137	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R184	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R212	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R250	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R263	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R270	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R69	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R969	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R982	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R984	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R986	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R993	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R460	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R463	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R992	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000172	R692	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R693	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R694	R-CHIP	10ohm,5%,1/16W,TP,1005

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2007-000172	R695	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R697	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R698	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R699	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R700	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R701	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R702	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R703	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R704	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R705	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R706	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R707	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R722	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R723	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R724	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R725	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R727	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R728	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R729	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R730	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R731	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R732	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R733	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R734	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R735	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R736	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R737	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R72	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R76	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000173	R560	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R561	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R562	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R214	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R215	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R219	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000174	R115	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000174	R70	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000174	R71	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000174	R832	R-CHIP	47ohm,5%,1/16W,TP,1005

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2007-000174	R833	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000174	R834	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000239	R985	R-CHIP	1.5Kohm,1%,1/10W,TP,1608
2007-000239	R203	R-CHIP	1.5Kohm,1%,1/10W,TP,1608
2007-000239	R85	R-CHIP	1.5Kohm,1%,1/10W,TP,1608
2007-000242	R577	R-CHIP	1.5Kohm,5%,1/16W,DA,TP,1005
2007-000265	R510	R-CHIP	1.8Kohm,1%,1/10W,TP,1608
2007-000265	R669	R-CHIP	1.8Kohm,1%,1/10W,TP,1608
2007-000265	R688	R-CHIP	1.8Kohm,1%,1/10W,TP,1608
2007-000265	R716	R-CHIP	1.8Kohm,1%,1/10W,TP,1608
2007-000343	R44	R-CHIP	120ohm,1%,1/10W,TP,1608
2007-000403	R549	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000403	R550	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000403	R551	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000516	R190	R-CHIP	2.7Kohm,1%,1/10W,TP,1608
2007-000701	R520	R-CHIP	3.6Kohm,1%,1/10W,TP,1608
2007-000736	R538	R-CHIP	30Kohm,1%,1/10W,TP,1608
2007-000736	R539	R-CHIP	30Kohm,1%,1/10W,TP,1608
2007-000736	R196	R-CHIP	30Kohm,1%,1/10W,TP,1608
2007-000939	R38	R-CHIP	47Kohm,1%,1/10W,TP,1608
2007-001119	R108	R-CHIP	680ohm,5%,1/16W,DA,TP,1005
2007-001292	R611	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R613	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R651	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R742	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R240	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R241	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001306	R109	R-CHIP	150ohm,5%,1/16W,DA,TP,1005
2007-001313	R576	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001313	R578	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001313	R111	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001313	R112	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001433	R533	R-CHIP	12Kohm,1%,1/10W,TP,1608
2007-001433	R540	R-CHIP	12Kohm,1%,1/10W,TP,1608
2007-002425	R20	R-CHIP	1ohm,5%,1/10W,TP,1608
2007-002425	R28	R-CHIP	1ohm,5%,1/10W,TP,1608
2007-002899	R2	R-CHIP	10ohm,1%,1/10W,TP,1608
2007-002899	R21	R-CHIP	10ohm,1%,1/10W,TP,1608
2007-002899	R22	R-CHIP	10ohm,1%,1/10W,TP,1608

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2007-002899	R23	R-CHIP	10ohm,1%,1/10W,TP,1608
2007-002900	R7	R-CHIP	11Kohm,1%,1/10W,TP,1608
2007-002901	R533	R-CHIP	12.1Kohm,1%,1/10W,TP,1608
2007-002901	R540	R-CHIP	12.1Kohm,1%,1/10W,TP,1608
2007-002906	R532	R-CHIP	200Kohm,1%,1/10W,TP,1608
2007-002906	R148	R-CHIP	200Kohm,1%,1/10W,TP,1608
2007-002906	R8	R-CHIP	200Kohm,1%,1/10W,TP,1608
2007-002970	R687	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R764	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R765	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R766	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R767	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R768	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R769	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R770	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R771	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R774	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R775	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R776	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R777	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R778	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R779	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R780	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R781	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R782	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R783	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R784	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R785	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R786	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R787	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R788	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R789	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R790	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R791	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R792	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R793	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R794	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R795	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R796	R-CHIP	56ohm,5%,1/16W,TP,1005

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2007-002970	R797	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R798	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R799	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R813	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R814	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R815	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R816	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R817	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R818	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R819	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R820	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R821	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R822	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R823	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R824	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R114	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R145	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002987	R500	R-CHIP	4.75Kohm,1%,1/10W,TP,1608
2007-003013	R570	R-CHIP	2.4KOHM,5%,1/16W,DA,TP,1005
2007-007009	R552	R-CHIP	75ohm,5%,1/16W,TP,1005
2007-007009	R553	R-CHIP	75ohm,5%,1/16W,TP,1005
2007-007009	R41	R-CHIP	75ohm,5%,1/16W,TP,1005
2007-007009	R42	R-CHIP	75ohm,5%,1/16W,TP,1005
2007-007100	R745	R-CHIP	10MOHM,5%,1/16W,DA,TP,1005
2007-007100	R747	R-CHIP	10MOHM,5%,1/16W,DA,TP,1005
2007-007107	R522	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R529	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R691	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R717	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R10	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R1032	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007107	R194	R-CHIP	100Kohm,1%,1/16W,TP,1005
2007-007136	R762	R-CHIP	4.7Kohm,1%,1/16W,DA,TP,1005
2007-007142	R514	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R524	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R643	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R647	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R677	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R678	R-CHIP	10Kohm,1%,1/16W,TP,1005

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2007-007142	R829	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R204	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R205	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R206	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R264	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R32	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R9	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007156	R176	R-CHIP	1OHM,5%,1/16W,DA,TP,1005
2007-007221	R154	R-CHIP	147ohm,1%,1/10W,TP,1608
2007-007221	R198	R-CHIP	147ohm,1%,1/10W,TP,1608
2007-007222	R512	R-CHIP	6.04Kohm,1%,1/10W,TP,1608
2007-007222	R519	R-CHIP	6.04Kohm,1%,1/10W,TP,1608
2007-007265	R504	R-CHIP	232Kohm,1%,1/10W,TP,1608
2007-007306	R501	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R503	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R134	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R160	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R161	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R43	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R45	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R58	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R59	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R60	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007307	R136	R-CHIP	150ohm,1%,1/16W,DA,TP,1005
2007-007307	R177	R-CHIP	150ohm,1%,1/16W,DA,TP,1005
2007-007307	R179	R-CHIP	150ohm,1%,1/16W,DA,TP,1005
2007-007307	R81	R-CHIP	150ohm,1%,1/16W,DA,TP,1005
2007-007312	R525	R-CHIP	20Kohm,1%,1/16W,TP,1005
2007-007318	R511	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R517	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R573	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R689	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R715	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R120	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R87	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R951	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007334	R719	R-CHIP	200Kohm,1%,1/16W,DA,TP,1005
2007-007352	R842	R-CHIP	130Kohm,1%,1/10W,TP,1608
2007-007528	R99	R-CHIP	1.5Kohm,1%,1/16W,DA,TP,1005

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2007-007548	R110	R-CHIP	39.2ohm,1%,1/10W,TP,1608
2007-007568	R11	R-CHIP	0.033OHM,1%,1W,TP,6432
2007-007585	R534	R-CHIP	430Kohm,1%,1/16W,DA,TP,1005
2007-007619	R174	R-CHIP	60.4ohm,1%,1/10W,TP,1608
2007-007619	R175	R-CHIP	60.4ohm,1%,1/10W,TP,1608
2007-007697	R526	R-CHIP	2.4Kohm,1%,1/16W,DA,TP,1005
2007-007724	R88	R-CHIP	40.2ohm,1%,1/10W,TP,1608
2007-007766	R597	R-CHIP	2Kohm,1%,1/16W,TP,1005
2007-007776	R178	R-CHIP	604ohm,1%,1/10W,TP,1608
2007-007776	R180	R-CHIP	604ohm,1%,1/10W,TP,1608
2007-007777	R555	R-CHIP	576OHM,1%,1/10W,DA,TP,1608
2007-007938	R720	R-CHIP	6.65Kohm,1%,1/10W,TP,1608
2007-007942	R530	R-CHIP	1Mohm,1%,1/16W,DA,TP,1005
2007-007942	R531	R-CHIP	1Mohm,1%,1/16W,DA,TP,1005
2007-007946	R541	R-CHIP	470Kohm,1%,1/16W,TP,1005
2007-007946	R542	R-CHIP	470Kohm,1%,1/16W,TP,1005
2007-007946	R644	R-CHIP	470Kohm,1%,1/16W,TP,1005
2007-007946	R207	R-CHIP	470Kohm,1%,1/16W,TP,1005
2007-007968	R505	R-CHIP	12.7Kohm,1%,1/10W,TP,1608
2007-008015	R585	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R588	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R601	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R602	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008026	R104	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008026	R167	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008026	R197	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008133	R507	R-CHIP	56.2Kohm,1%,1/10W,TP,1608
2007-008201	R686	R-CHIP	113ohm,1%,1/10W,TP,1608
2007-008201	R155	R-CHIP	113ohm,1%,1/10W,TP,1608
2007-008228	R54	R-CHIP	0.002OHM,5%,1W,TP,6432
2007-008228	R56	R-CHIP	0.002OHM,5%,1W,TP,6432
2007-008263	R809	R-CHIP	3Kohm,1%,1/16W,TP,1005
2007-008293	R631	R-CHIP	475OHM,1%,1/16W,DA,TP,1005
2007-008294	R623	R-CHIP	33OHM,1%,1/16W,DA,TP,1005
2007-008294	R625	R-CHIP	33OHM,1%,1/16W,DA,TP,1005
2007-008294	R626	R-CHIP	33OHM,1%,1/16W,DA,TP,1005
2007-008294	R628	R-CHIP	33OHM,1%,1/16W,DA,TP,1005
2007-008294	R634	R-CHIP	33OHM,1%,1/16W,DA,TP,1005
2007-008294	R635	R-CHIP	33OHM,1%,1/16W,DA,TP,1005

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2007-008294	R636	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R661	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R662	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R663	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R664	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R665	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R666	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R667	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R163	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R181	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008294	R989	R-CHIP	330HM,1%,1/16W,DA,TP,1005
2007-008295	R195	R-CHIP	43KOHM,1%,1/16W,DA,TP,1005
2007-008295	R964	R-CHIP	43KOHM,1%,1/16W,DA,TP,1005
2007-008298	R622	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R624	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R627	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R629	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R133	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R159	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R162	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008300	R266	R-CHIP	5.11KOHM,1%,1/16W,DA,TP,1005
2007-008300	R50	R-CHIP	5.11KOHM,1%,1/16W,DA,TP,1005
2007-008301	R265	R-CHIP	56.2OHM,1%,1/16W,DA,TP,1005
2007-008301	R267	R-CHIP	56.2OHM,1%,1/16W,DA,TP,1005
2007-008301	R268	R-CHIP	56.2OHM,1%,1/16W,DA,TP,1005
2007-008301	R269	R-CHIP	56.2OHM,1%,1/16W,DA,TP,1005
2007-008303	R605	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008303	R101	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008303	R102	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008303	R107	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008303	R157	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008303	R75	R-CHIP	27.4OHM,1%,1/16W,DA,TP,1005
2007-008304	R523	R-CHIP	300KOHM,1%,1/16W,DA,TP,1005
2007-008306	R556	R-CHIP	549OHM,1%,1/16W,DA,TP,1005
2007-008312	R513	R-CHIP	390KOHM,1%,1/16W,DA,TP,1005
2007-008312	R518	R-CHIP	390KOHM,1%,1/16W,DA,TP,1005
2007-008313	R100	R-CHIP	301OHM,1%,1/16W,DA,TP,1005
2007-008313	R135	R-CHIP	301OHM,1%,1/16W,DA,TP,1005
2007-008314	R604	R-CHIP	54.9OHM,1%,1/16W,DA,TP,1005

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2007-008314	R141	R-CHIP	54.9OHM,1%,1/16W,DA,TP,1005
2007-008314	R74	R-CHIP	54.9OHM,1%,1/16W,DA,TP,1005
2007-008330	R680	R-CHIP	22.6OHM,1%,1/16W,DA,TP,1005
2007-008439	R569	R-CHIP	140OHM,1%,1/16W,DA,TP,1005
2007-008492	R156	R-CHIP	226OHM,1%,1/16W,-,TP,1005
2007-008492	R199	R-CHIP	226OHM,1%,1/16W,-,TP,1005
2007-008535	R98	R-CHIP	127OHM,1%,1/16W,TP,1005
2007-008550	R24	R-CHIP	549KOHM,1%,1/10W,DA,TP,1608
2007-008559	R502	R-CHIP	13.3KOHM,1%,1/10W,TP,1608
2007-008559	R25	R-CHIP	13.3KOHM,1%,1/10W,TP,1608
2007-008578	R200	R-CHIP	48.7OHM,1%,1/16W,TP,1005
2007-008610	R506	R-CHIP	1.27Mohm,1%,1/10W,TP,1608
2011-001264	AR500	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR501	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR502	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR503	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR505	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR506	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR507	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR508	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR509	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR510	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR511	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR512	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR514	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR515	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR516	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001264	AR517	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR518	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR519	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR520	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR521	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR523	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR524	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR525	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR526	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR527	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR528	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR529	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP

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2011-001402	AR530	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR532	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR533	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR534	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR535	R-NET	56OHM,5%,1/16W,L,CHIP,8P,TP
2203-000041	C755	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608
2203-000041	C791	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608
2203-000041	C809	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608
2203-000062	C661	C-CER,CHIP	47nF,+80-20%,50V,Y5V,TP,1608
2203-000140	C521	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-
2203-000140	C529	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-
2203-000140	C20	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-
2203-000189	C659	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C456	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C463	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C466	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000206	C507	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C11	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C21	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C22	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C33	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C34	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000233	C801	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000233	C802	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000233	C803	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000236	C505	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C506	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C509	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C763	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C779	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C1	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C10	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C4	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000236	C807	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608
2203-000254	C593	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C614	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C697	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C101	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C117	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-

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2203-000254	C123	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C213	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C280	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C281	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C283	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C290	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C309	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C71	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C86	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000257	C623	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C628	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C202	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C220	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C253	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C259	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C265	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000278	C792	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C278	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C279	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C813	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000298	C585	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C154	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C156	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C757	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C84	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C91	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000298	C465	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000426	C638	C-CER,CHIP	0.018NF,5%,50V,C0G,TP,1608
2203-000426	C639	C-CER,CHIP	0.018NF,5%,50V,C0G,TP,1608
2203-000426	C789	C-CER,CHIP	0.018NF,5%,50V,C0G,TP,1608
2203-000426	C810	C-CER,CHIP	0.018NF,5%,50V,C0G,TP,1608
2203-000438	C501	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C503	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C622	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C658	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C203	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C260	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C267	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C285	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-

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2203-000438	C286	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C298	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C300	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C311	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C312	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C313	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C630	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C460	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C461	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C462	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000440	C12	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000440	C2	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000440	C3	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000440	C815	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000440	CT450	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000476	C603	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C660	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C817	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C244	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C734	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C735	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C736	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000476	C452	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,-,2012
2203-000483	C617	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000483	C641	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000483	C264	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000483	C307	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000483	C31	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000483	C7	C-CER,CHIP	1000nF,+80-20%,25V,Y5V,TP,3216
2203-000489	C822	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1005,-
2203-000489	C823	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1005,-
2203-000575	C511	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C621	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C627	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C201	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C218	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C9	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000576	C14	C-CER,CHIP	220nF,10%,50V,X7R,TP,3216
2203-000576	C15	C-CER,CHIP	220nF,10%,50V,X7R,TP,3216

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2203-000585	C66	C-CER,CHIP	220pF, 10%, 50V, X7R, TP, 1005, -
2203-000585	C82	C-CER,CHIP	220pF, 10%, 50V, X7R, TP, 1005, -
2203-000626	C532	C-CER,CHIP	0.022nF, 5%, 50V, C0G, TP, 1608
2203-000626	C533	C-CER,CHIP	0.022nF, 5%, 50V, C0G, TP, 1608
2203-000628	C612	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000628	C613	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000628	C794	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000628	C296	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000628	C297	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000628	C814	C-CER,CHIP	0.022NF, 5%, 50V, C0G, TP, 1005
2203-000654	C284	C-CER,CHIP	270pF, 10%, 50V, X7R, TP, 1005, -
2203-000654	C314	C-CER,CHIP	270pF, 10%, 50V, X7R, TP, 1005, -
2203-000721	C566	C-CER,CHIP	0.0033NF, 0.25PF, 50V, C0G, TP, 1608
2203-000721	C579	C-CER,CHIP	0.0033NF, 0.25PF, 50V, C0G, TP, 1608
2203-000721	C580	C-CER,CHIP	0.0033NF, 0.25PF, 50V, C0G, TP, 1608
2203-000721	C786	C-CER,CHIP	0.0033NF, 0.25PF, 50V, C0G, TP, 1608
2203-000721	C808	C-CER,CHIP	0.0033NF, 0.25PF, 50V, C0G, TP, 1608
2203-000938	C500	C-CER,CHIP	0.47NF, 5%, 50V, C0G, TP, 2012
2203-000998	C776	C-CER,CHIP	0.047NF, 5%, 50V, C0G, TP, 1608
2203-000998	C804	C-CER,CHIP	0.047NF, 5%, 50V, C0G, TP, 1608
2203-001397	C523	C-CER,CHIP	2.2nF, 5%, 50V, NP0, TP, 1608
2203-001408	C637	C-CER,CHIP	0.27nF, 5%, 50V, NP0, TP, 1608
2203-001408	C733	C-CER,CHIP	0.27nF, 5%, 50V, NP0, TP, 1608
2203-001432	C759	C-CER,CHIP	47nF, +80-20%, 16V, Y5V, TP, 1005
2203-001598	C275	C-CER,CHIP	2200nF, +80-20%, 16V, Y5V, TP, 2012
2203-001630	C602	C-CER,CHIP	330nF, +80-20%, 16V, Y5V, TP, 1608
2203-001656	C315	C-CER,CHIP	0.47nF, 5%, 50V, NP0, TP, 1608
2203-001662	C23	C-CER,CHIP	5.6NF, 10%, 50V, X7R, TP, 1608
2203-002494	C305	C-CER,CHIP	470nF, 10%, 16V, X7R, TP, 2012
2203-002494	C301	C-CER,CHIP	470nF, 10%, 16V, X7R, TP, 2012
2203-002494	C302	C-CER,CHIP	470nF, 10%, 16V, X7R, TP, 2012
2203-002720	C502	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C504	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C520	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C143	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C148	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C150	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-002720	C210	C-CER,CHIP	10nF, 10%, 25V, X7R, TP, 1005, -
2203-005052	C564	C-CER,CHIP	0.0033nF, 0.25pF, 50V, NP0, TP, 1005

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2203-005052	C577	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C578	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C775	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C67	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C68	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C69	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C70	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	EC1	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005061	C233	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C44	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C518	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C519	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C526	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C534	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C536	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C537	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C538	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C539	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C540	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C548	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C549	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C550	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C551	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C552	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C553	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C554	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C555	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C557	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C559	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C560	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C561	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C562	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C565	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C569	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C570	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C573	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C574	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C575	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C581	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C583	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C584	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C586	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C587	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C591	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C595	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C597	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C604	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C605	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C606	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C607	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C629	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C631	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C632	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C633	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C634	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C635	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C636	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C643	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C645	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C646	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C647	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C648	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C649	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C650	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C651	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C652	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C653	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C654	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C655	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C656	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C657	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C662	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C663	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C664	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C665	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C666	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C667	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C668	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C669	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C670	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C671	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C672	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C673	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C674	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C675	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C676	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C677	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C678	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C679	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C680	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C681	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C682	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C683	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C684	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C685	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C686	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C687	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C688	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C689	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C690	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C691	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C692	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C693	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C694	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C695	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C696	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C701	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C702	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C703	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C704	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C705	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C706	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C707	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C708	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C709	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C710	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C711	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C712	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C713	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C714	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C715	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C716	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C717	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C718	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C719	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C720	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C721	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C722	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C723	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C724	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C725	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C726	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C727	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C728	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C729	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C730	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C731	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C732	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C739	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C740	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C742	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C748	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C754	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C764	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C774	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C811	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C812	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C816	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C821	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C104	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C105	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C106	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C107	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C108	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C109	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C110	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C115	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C120	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C121	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C124	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C132	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C140	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C141	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C142	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C144	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C145	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C149	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C151	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C152	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C153	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C155	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C157	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C159	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C160	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C163	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C167	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C168	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C169	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C171	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C172	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C173	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C174	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C175	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C176	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C177	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C178	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C179	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C18	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C180	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C181	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C182	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C183	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C184	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C185	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C186	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C187	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C191	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C192	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C193	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C194	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C195	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C196	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C197	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C198	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C209	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C211	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C214	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C215	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C223	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C224	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C225	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C226	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C227	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C228	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C229	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C232	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C234	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C235	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C236	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C237	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C238	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C239	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C24	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C240	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C241	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C242	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C243	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C245	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C246	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C247	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C252	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C255	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C256	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C257	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C258	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C261	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C266	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C268	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C269	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C273	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C276	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C287	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C288	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C289	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C292	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C293	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C294	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C295	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C303	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C304	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C306	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C308	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C37	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C41	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C42	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C43	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C45	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C46	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C47	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C48	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C49	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C524	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C61	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C62	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C63	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C65	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C741	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C744	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C765	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C766	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C767	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C768	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C769	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

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2203-005061	C772	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C773	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C820	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C824	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C828	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C87	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C88	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005065	C762	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608
2203-005065	C818	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608
2203-005065	C102	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608
2203-005065	C130	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608
2203-005065	C162	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,TP,1608
2203-005148	C522	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C619	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C113	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C125	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C126	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C127	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C128	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C129	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C131	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C134	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C158	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C19	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C618	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C85	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C89	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005198	C13	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005198	C216	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005198	C219	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005198	C262	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005198	C263	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005254	C26	C-CER,CHIP	100nF,20%,50V,X7R,TP,2012,-
2203-005254	C5	C-CER,CHIP	100nF,20%,50V,X7R,TP,2012,-
2203-005261	C513	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C517	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C38	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C39	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005368	C221	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225

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2203-005371	C528	C-CER,CHIP	4700NF,+80-20%,25V,Y5V,TP,3225
2203-005371	C700	C-CER,CHIP	4700NF,+80-20%,25V,Y5V,TP,3225
2203-005371	C753	C-CER,CHIP	4700NF,+80-20%,25V,Y5V,TP,3225
2203-005371	C756	C-CER,CHIP	4700NF,+80-20%,25V,Y5V,TP,3225
2203-005437	C556	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C699	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C737	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C738	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C254	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C310	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005482	C571	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C588	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C615	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C746	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C100	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C111	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C112	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C114	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C118	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C119	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C133	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C135	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C146	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C147	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C164	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C212	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C72	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C73	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C75	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C78	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C79	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C797	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C81	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C829	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C93	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C94	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C95	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C96	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C97	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-

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2203-005482	C98	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C99	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005509	C270	C-CER,CHIP	330nF,+80-20%,10V,Y5V,TP,1005
2203-005509	C271	C-CER,CHIP	330nF,+80-20%,10V,Y5V,TP,1005
2203-005509	C274	C-CER,CHIP	330nF,+80-20%,10V,Y5V,TP,1005
2203-005509	C282	C-CER,CHIP	330nF,+80-20%,10V,Y5V,TP,1005
2203-005571	C572	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005571	C589	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005571	C590	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005571	C594	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005571	C17	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005619	C512	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C620	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C217	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C250	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005633	C221	C-CER,CHIP	4700NF,+80-20%,50V,Y5V,TP,3225
2203-005664	C516	C-CER,CHIP	4700nF,10%,6.3V,X5R,TP,2012
2203-005664	C16	C-CER,CHIP	4700nF,10%,6.3V,X5R,TP,2012
2203-005796	C50	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C51	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C52	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C53	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C54	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C55	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C56	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C57	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C58	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C59	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C60	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C74	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C76	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C77	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-005796	C80	C-CER,CHIP	2200nF,10%,10V,X7R,TP,2012
2203-006039	C530	C-CER,CHIP	1NF,10%,2KV,X7R,TP,3216
2203-006039	C531	C-CER,CHIP	1NF,10%,2KV,X7R,TP,3216
2203-006093	C747	C-CER,CHIP	1000NF,+80-20%,6.3V,Y5V,TP,1005
2203-006093	C749	C-CER,CHIP	1000NF,+80-20%,6.3V,Y5V,TP,1005
2203-006093	C752	C-CER,CHIP	1000NF,+80-20%,6.3V,Y5V,TP,1005
2203-006093	C161	C-CER,CHIP	1000NF,+80-20%,6.3V,Y5V,TP,1005

Item No	Design LOC	품 명	Spec
2203-006332	C805	C-CER,CHIP	0.47nF,5%,3000V,COG,TP,4520
2203-006332	C806	C-CER,CHIP	0.47nF,5%,3000V,COG,TP,4520
2402-001125	C514	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C515	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C626	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C642	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C25	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C27	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C277	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C28	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C29	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C30	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C32	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C35	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C36	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	C8	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001168	C535	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C542	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C543	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C544	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C545	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C546	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C547	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C616	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C640	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C231	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C6	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	C92	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001169	C136	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001169	C248	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001169	C249	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001169	C83	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001169	C90	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001170	C576	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C582	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C624	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C103	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C116	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C122	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM

Item No	Design LOC	품 명	Spec
2402-001170	C165	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C222	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C251	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	C644	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2404-000148	CT516	C-TA,CHIP	1uF,10%,20V,-,TP,3216
2404-000148	CT517	C-TA,CHIP	1uF,10%,20V,-,TP,3216
2404-000229	CT2	C-TA,CHIP	4.7uF,10%,16V,-,TP,3528
2404-000229	CT9	C-TA,CHIP	4.7uF,10%,16V,-,TP,3528
2404-000284	CT511	C-TA,CHIP	10uF,20%,16V,-,TP,3528
2404-000284	CT514	C-TA,CHIP	10uF,20%,16V,-,TP,3528
2404-000284	CT515	C-TA,CHIP	10uF,20%,16V,-,TP,3528
2404-000295	C453	C-TA,CHIP	220UF,20%,10V,LZ,TP,7343
2404-000295	C464	C-TA,CHIP	220UF,20%,10V,LZ,TP,7343
2404-000299	C592	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	C800	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	CT508	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	CT507	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000327	CT11	C-TA,CHIP	10uF,20%,35V,-,TP,7343,4.4mm
2404-000341	CT6	C-TA,CHIP	4.7uF,20%,16V,-,TP,3528,1.4mm
2404-001020	CT500	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT501	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT502	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT503	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT504	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT505	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT509	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT513	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT1	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT7	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	CT8	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC1	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001074	CT12	C-TA,CHIP	10uF,10%,10V,GP,TP,3216,-
2404-001074	CT13	C-TA,CHIP	10uF,10%,10V,GP,TP,3216,-
2404-001075	CT512	C-TA,CHIP	100uF,20%,16V,WT,TP,7343
2404-001239	CT5	C-TA,CHIP	100UF,20%,6.3V,WT,TP,3.3X2.7X1.7MM
2404-001266	C743	C-TA,CHIP	47UF,20%,10V,-,TP,3528
2404-001266	CT4	C-TA,CHIP	47UF,20%,10V,-,TP,3528
2404-001266	CT506	C-TA,CHIP	47UF,20%,10V,-,TP,3528
2703-000158	L3	INDUCTOR-SMD	1uH,10%,2012

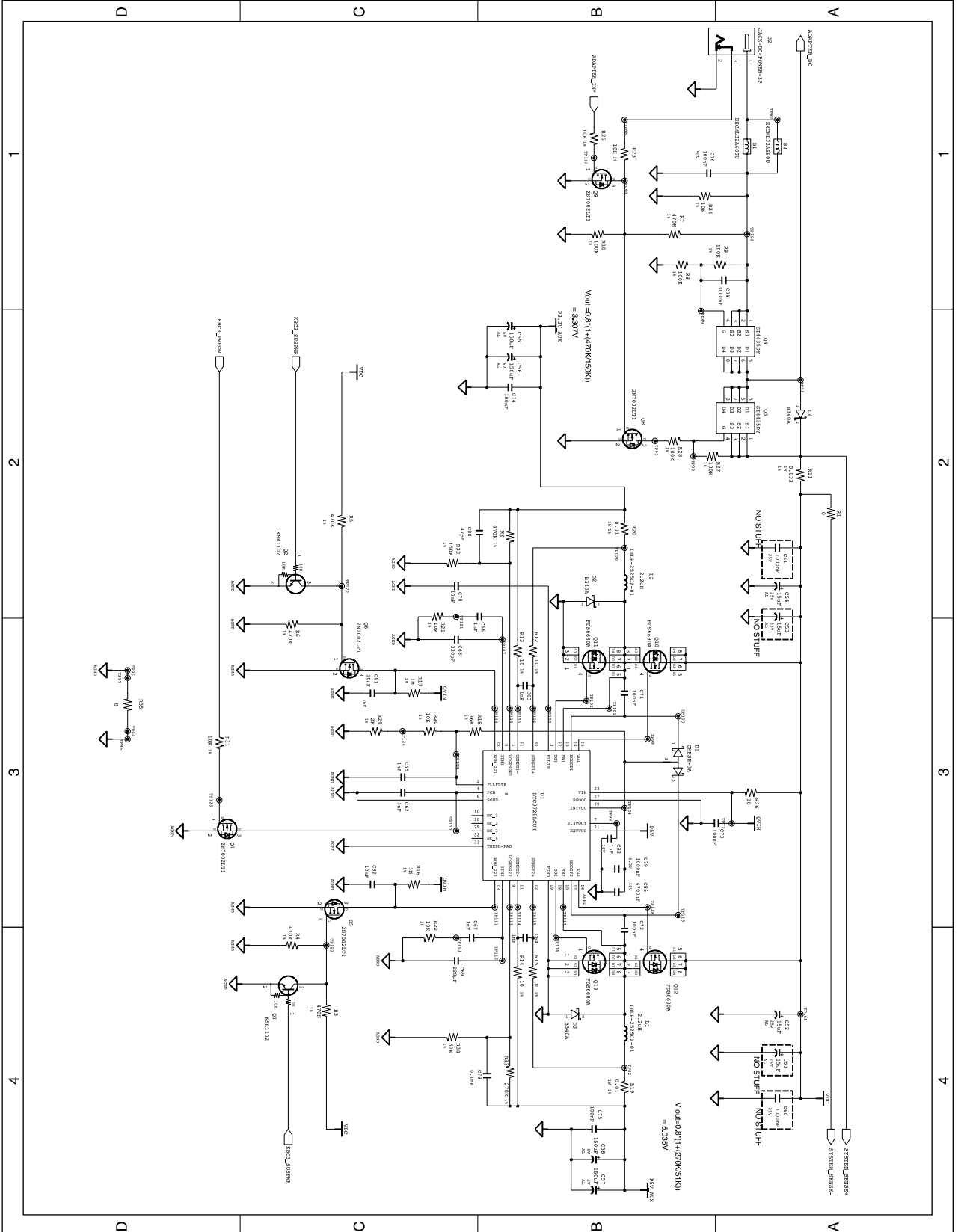
Item No	Design LOC	품 명	Spec
2703-002085	L501	INDUCTOR-SMD	10uH,30%,10.0x10.0mm
2703-002137	L6	INDUCTOR-SMD	4.6uH,20%,12.5x12.5mm
2703-002249	L503	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002249	L504	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002280	L500	INDUCTOR-SMD	4.7uH,20%,6965
2703-002280	L502	INDUCTOR-SMD	4.7uH,20%,6965
2703-002280	L505	INDUCTOR-SMD	4.7uH,20%,6965
2703-002280	L506	INDUCTOR-SMD	4.7uH,20%,6965
2703-002354	L5	INDUCTOR-SMD	2.0uH,20%,5050
2703-002357	L507	INDUCTOR-SMD	10uH,20%,5050
2703-002397	L1	INDUCTOR-SMD	10%uH,10%,2012
2703-002397	L2	INDUCTOR-SMD	10%uH,10%,2012
2703-002498	L4	INDUCTOR-SMD	0.68uH,10%,2012
2801-000111	Y504	CRYSTAL-SMD	0.032768MHZ,20PPM,28-AAW,12.5PF,50KOHM,-
2801-003898	Y1	CRYSTAL-SMD	24.576MHz,50ppm,28-ACC,12pF,50ohm,TP
2801-004200	Y503	CRYSTAL-SMD	10MHZ,30PPM,28-ACF,16.0PF,80OHM,TP
2801-004201	Y502	CRYSTAL-SMD	14.31818MHZ,50PPM,-,15.0PF,50OHM,REEL
2801-004202	Y2	CRYSTAL-SMD	24.576MHZ,30PPM,28-ACF,12.0PF,50OHM,TP
2801-004203	Y500	CRYSTAL-SMD	25MHZ,30PPM,-,15.0PF,50OHM,TP
3301-000314	B500	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B501	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B502	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B505	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B506	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B507	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B508	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B509	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B510	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B511	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B514	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B516	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B1	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B450	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B451	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B452	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B453	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000322	B6	BEAD-SMD	-,31,-,500,TP,-,0
3301-000322	B8	BEAD-SMD	-,31,-,500,TP,-,0
3301-000322	B9	BEAD-SMD	-,31,-,500,TP,-,0

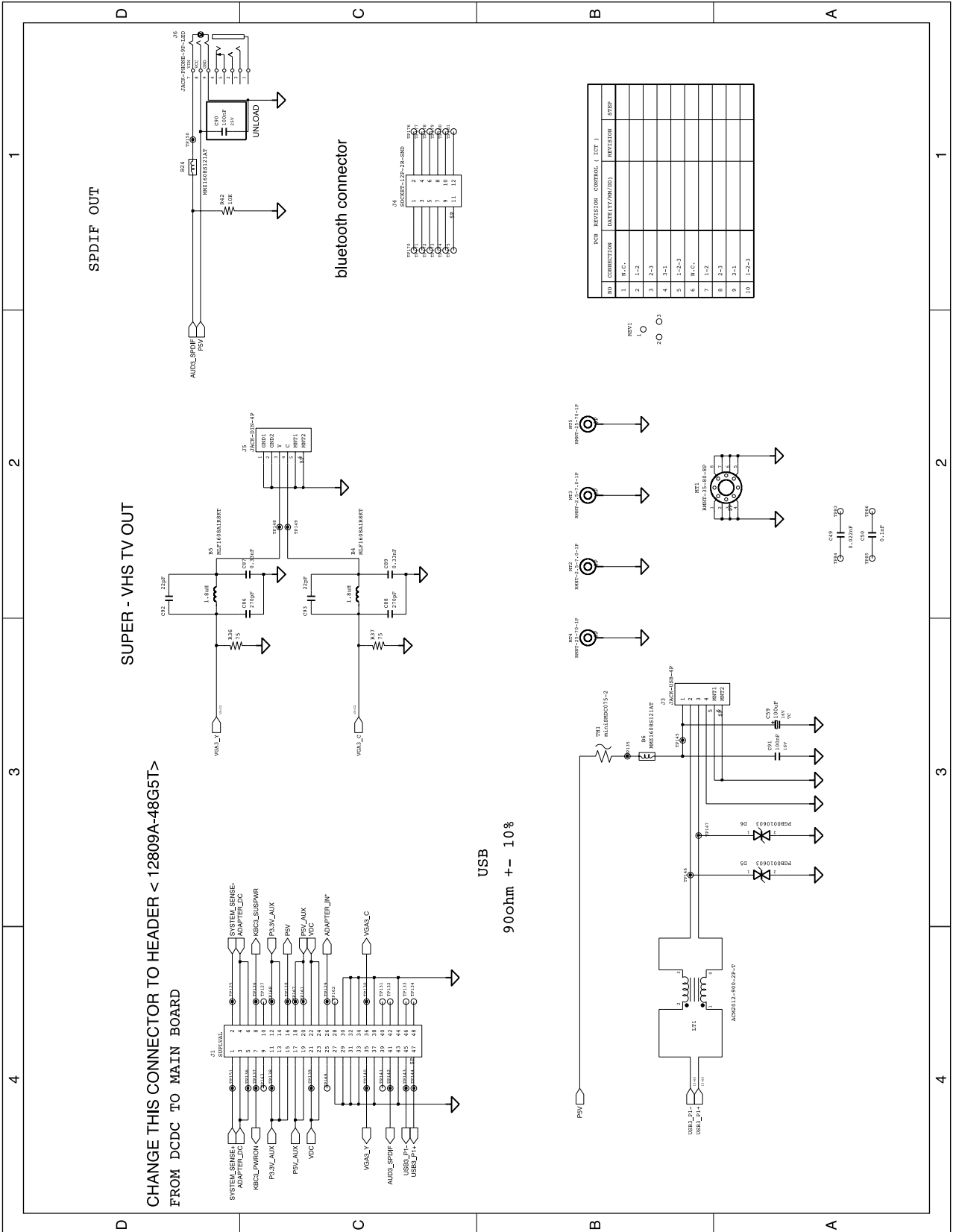
Item No	Design LOC	품 명	Spec
3301-000326	B512	BEAD-SMD	60OHM,3.2X2.5X1.3MM,400MA,-25TO+85C, FERRITE,30KOHM
3301-001101	B513	BEAD-SMD	-,600,-,200,TP,-,0.3
3301-001101	B7	BEAD-SMD	-,600,-,200,TP,-,0.3
3301-001434	B515	BEAD-SMD	-,27,-,4000,TP,-,0.006
3301-001434	B2	BEAD-SMD	-,27,-,4000,TP,-,0.006
3301-001434	B3	BEAD-SMD	-,27,-,4000,TP,-,0.006
3301-001569	B503	BEAD-SMD	AB,600OHM,2.0X1.25X0.9MM,1000MA,TP, NI-CU-ZN,0.1OHM
3301-001569	B504	BEAD-SMD	AB,600OHM,2.0X1.25X0.9MM,1000MA,TP, NI-CU-ZN,0.1OHM
3301-001594	LT500	BEAD-SMD	90OHM,2.0X1.2X1.3MM,200MA,TP,-,0.19OHM
3301-001594	B517	BEAD-SMD	90OHM,2.0X1.2X1.3MM,200MA,TP,-,0.19OHM
3301-001594	B518	BEAD-SMD	90OHM,2.0X1.2X1.3MM,200MA,TP,-,0.19OHM
3701-001279	J507	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AU
3704-001176	J5	SOCKET-IC	200P,DIMM,AUF,-
3704-001177	J3	SOCKET-IC	200P,DIMM,AUF,-
3708-001507	KBD500	CONNECTOR-FPC/FFC/PIC	24P,1mm,SMD-A,SN
3708-001622	J953	CONNECTOR-FPC/FFC/PIC	50P,0.5MM,SMD-A,SN
3709-001124	J2	CONNECTOR-CARD EDGE	124P,0.8MM,SMD-A,AUF
3709-001239	J511	CONNECTOR-CARD EDGE	68P,1.27MM,ANGLE,AU
3710-001763	J1	CONNECTOR-SOCKET	30P,2R,0.8MM,SMD-S,AU
3710-001764	J510	CONNECTOR-SOCKET	50P,2R,0.5MM,SMD-S,AU
3710-001883	J506	CONNECTOR-SOCKET	22P,2R,0.8MM,SMD-S,AU,-
3710-001883	J509	CONNECTOR-SOCKET	22P,2R,0.8MM,SMD-S,AU,-
3710-001911	J501	CONNECTOR-SOCKET	47P,2R,1.27MM,ANGLE,AU,BLK
3710-002000	J954	CONNECTOR-SOCKET	30P,1R,0.5MM,SMD-A,AU,-
3711-000541	J513	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000541	J502	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000862	J505	CONNECTOR-HEADER	BOX,3P,1R,1.25mm,SMD-A,SN
3711-002127	J952	CONNECTOR-HEADER	BOX,8P,1R,1.25mm,SMD-A,SN
3711-003688	J516	CONNECTOR-HEADER	BOX,8P,1R,1.25MM,SMD-S,SN,WHT
3711-004865	J512	CONNECTOR-HEADER	NOWALL,68P,2R,1.27MM,SMD-A,AUF,NTR
3711-005163	J500	CONNECTOR-HEADER	1WALL,5P,1R,2.5MM,-,AU,-
3711-005297	J514	CONNECTOR-HEADER	BOX,10P,1R,0.45MM,BLK,AU,-
3722-001191	J950	JACK-PHONE	1P/5C,3.6PI,AG,BLK,NO
3722-001191	J951	JACK-PHONE	1P/5C,3.6PI,AG,BLK,NO
3722-001524	J508	JACK-USB	4P/1C,-,AUF,BLK,-
3722-001732	J517	JACK-IEEE1394	4P/1C,-,AU30U,-,-

Item No	Design LOC	품 명	Spec
3722-001929	J504	JACK-MODULAR	12P/10C/2POST,STANDARD,NO,SMD-A,-,NO,BLU,AU
BA26-00001A	LT1	TRANS MATCHING	HBB14,BLADE2,6P/6P,-,350uH,-,1500Vrms/MIN, 0to+70C,TP,-,-
BA27-00018A	LT501	COIL CHOKE	PLW3216S161SQ2,160OHM AT 100MHZ,-, 3.2X1.6X1.9MM,-,-,-,0.4OHM MAX,3.2X1.6X1.9MM
BA27-00018A	LT502	COIL CHOKE	PLW3216S161SQ2,160OHM AT 100MHZ, -,3.2X1.6X1.9MM,-,-,-,0.4OHM MAX,3.2X1.6X1.9MM

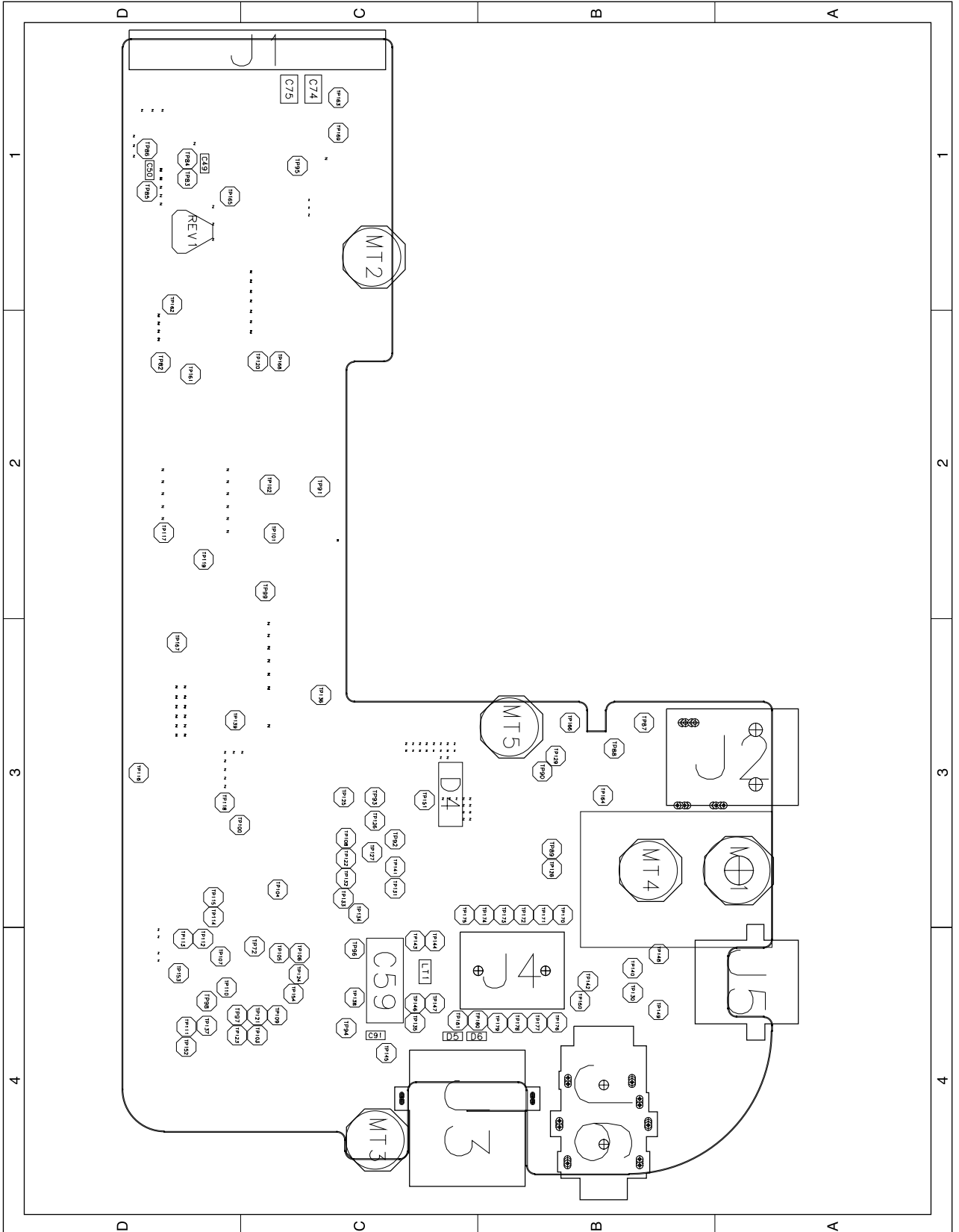
7-2 DC/DC Board

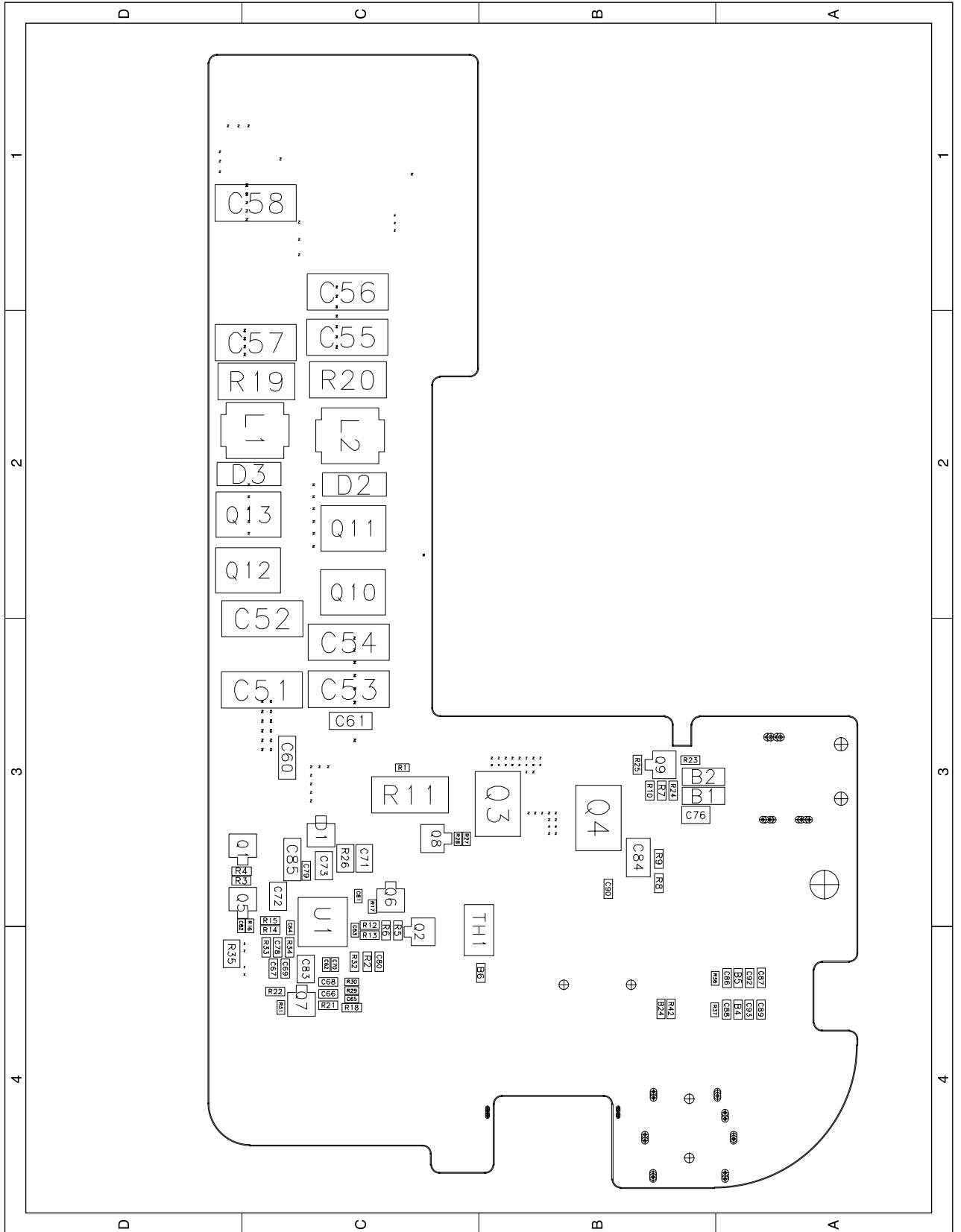
7-2-1 Schematic Diagrams





7-2-2 PCB Silkscreen





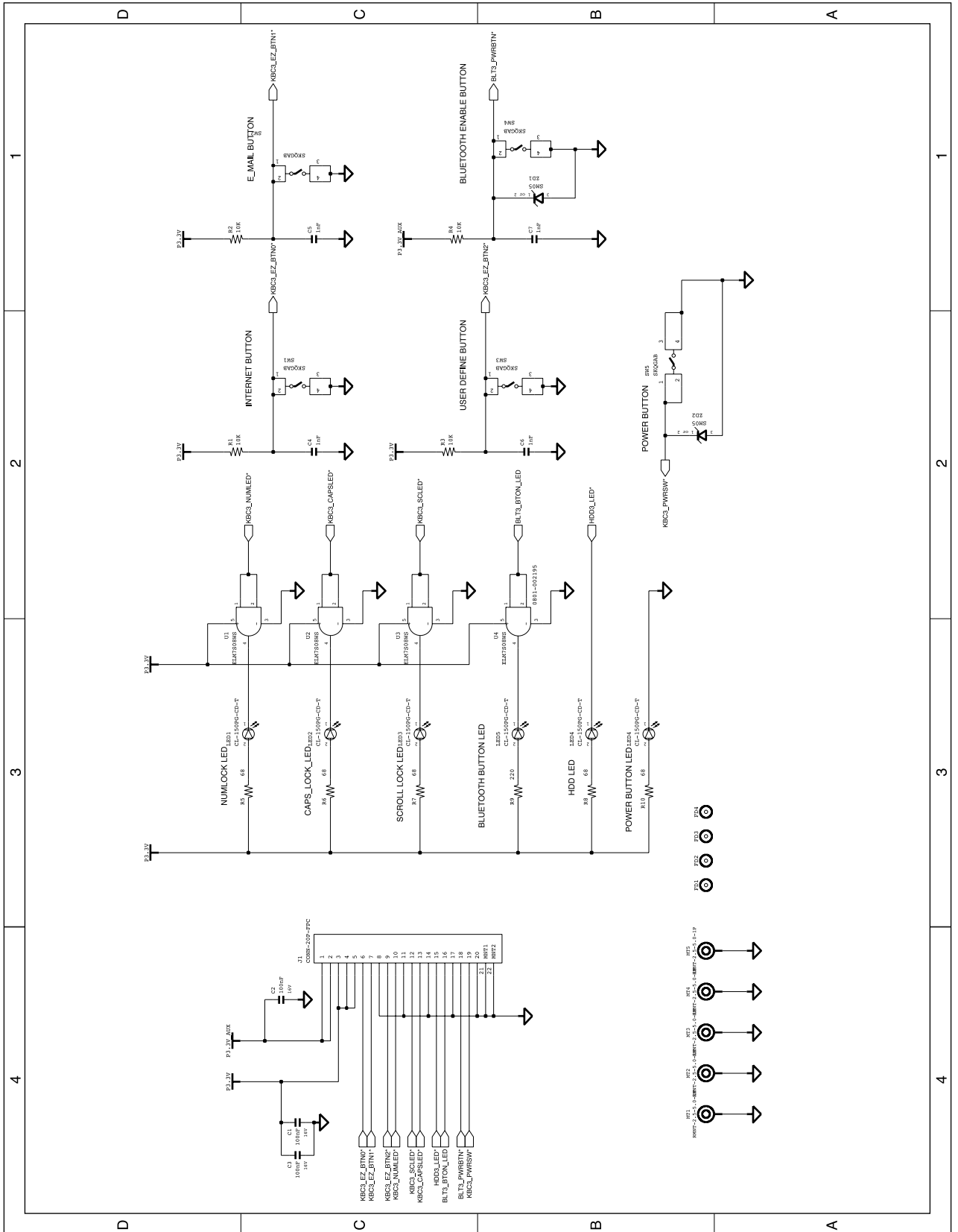
7-2-3 Parts List

NO	Code No.	Count	Description	Reference
1	0402-001405	3	sdiode, DIODE-RECTIFIER;B340A,40,3A,SMA,TP	D2,D3,D4
2	0404-000157	1	sdiode2_2k, DIODE-SCHOTTKY;CMP5H-3A,30V,100mA,SOT-23,TP	D1
3	0406-001141	2	esd, DIODE-TVS;PGB0010603NR,-/-/1000V,-,EIA-RS481	D5,D6
4	0504-000127	2	npn_tr_res_10k, TR-DIGITAL;KSR1102,NPN,200MW,10K/10K,SOT-23,TP	Q1,Q2
5	0505-000110	5	nmos_fet, FET-SILICON;2N7002,N,60V,115MA,7.50HM,0.3W,SOT-23	Q5,Q6,Q7,Q8,Q9
6	0505-000275	2	si4435dy, FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,	Q3,Q4
7	0505-001386	4	nmos_fet_3s_4d, FET-SILICON;FDS6680A,N,30V,12.5A,0.0095ohm,2.5W,S	Q10,Q11,Q12,Q13
8	1203-002788	1	ltc3728l, IC-SWITCH REG.;LTC3728LCUH,QFN,32P,5X5MM,PLASTIC,	U1
9	12809A-48G5T	1	head-48z-2r, CONNECTOR-HEADER;48P,2R,1.27mm,STRAIGHT	J1
10	1404-001065	1	therm_fuse, THERMISTOR-PTC;0.11OHM,-,-,13.2VAC,40A,1.5A,TP	TH1
11	2007-000029	1	res, R-CHIP;0OHM,5%,1/10W,DA,TP,2012	R35
12	2007-000052	5	res_t, R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	R21,R22,R23,R24,R25
13	2007-000060	3	res_t, R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	R8,R9,R10
14	2007-000063	1	res_t, R-CHIP;150Kohm,1%,1/16W,DA,TP,1608	R32
15	2007-000090	1	res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R42
16	2007-000171	1	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1005	R1
17	2007-000308	1	res, R-CHIP;100HM,5%,1/10W,DA,TP,2012	R26
18	2007-000633	1	res_t, R-CHIP;270Kohm,1%,1/16W,DA,TP,1608	R33
19	2007-000803	1	res_t, R-CHIP;36Kohm,1%,1/16W,DA,TP,1608	R18
20	2007-000923	6	res_t, R-CHIP;470Kohm,1%,1/16W,DA,TP,1608	R2,R3,R4,R5,R6,R7
21	2007-001007	1	res_t, R-CHIP;51Kohm,1%,1/16W,DA,TP,1608	R34
22	2007-001280	1	res_pt, R-CHIP;0.033ohm,1%,1W,DA,TP,6432	R11
23	2007-002899	4	res_t, R-CHIP;10ohm,1%,1/16W,DA,TP,1608	R12,R13,R14,R15
24	2007-007009	2	res, R-CHIP;750HM,5%,1/16W,DA,TP,1005	R36,R37
25	2007-007107	2	res_t, R-CHIP;100Kohm,1%,1/16W,DA,TP,1005	R27,R28
26	2007-007142	2	res_t, R-CHIP;10Kohm,1%,1/16W,DA,TP,1005	R30,R31
27	2007-007241	2	res_pt, R-CHIP;0.01ohm,1%,1W,DA,TP,6432	R19,R20
28	2007-007766	1	res_t, R-CHIP;2KOHM,1%,1/16W,DA,TP,1005	R29
29	2007-007942	2	res_t, R-CHIP;1Mohm,1%,1/16W,DA,TP,1005	R16,R17
30	2203-000189	1	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C90
31	2203-000206	6	ccap, C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	C71,C72,C73,C74 C75,C76
32	2203-000236	2	ccap, C-CERAMIC,CHIP;0.1NF,5%,50V,COG,TP,1608	C50,C78
33	2203-000254	2	ccap_v, C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005,-	C81,C82
34	2203-000438	4	ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1005,-	C62,C63,C64,C65
35	2203-000440	2	ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C66,C67
36	2203-000626	3	ccap, C-CERAMIC,CHIP;0.022NF,5%,50V,COG,TP,1608	C49,C92,C93
37	2203-000783	2	ccap, C-CERAMIC,CHIP;0.33NF,5%,50V,COG,TP,1608	C87,C89
38	2203-000998	1	ccap, C-CERAMIC,CHIP;0.047NF,5%,50V,COG,TP,1608	C80

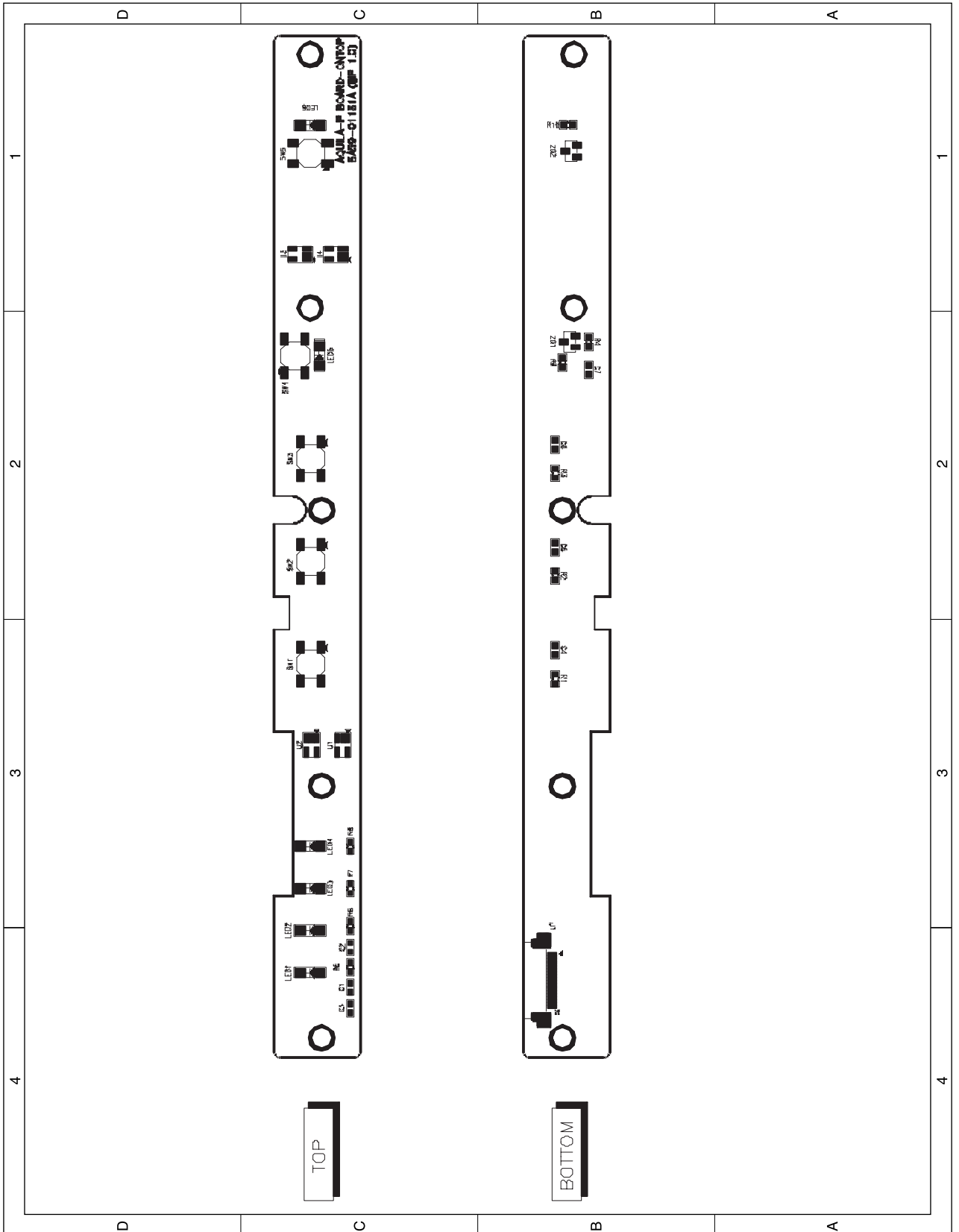
NO	Code No.	Count	Description	Reference
39	2203-001408	2	ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C86,C88
40	2203-001607	2	ccap, C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	C68,C69
41	2203-002720	1	ccap, C-CERAMIC,CHIP;10nF,10%,25V,X7R,TP,1005,-	C70
42	2203-005148	1	ccap_v, C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608,-	C91
43	2203-005198	1	ccap_v, C-CERAMIC,CHIP;1uF,10%,10V,X5R,TP,2012,-	C83
44	2203-005261	2	ccap_v, C-CERAMIC,CHIP;1000nF,10%,25V,X7R,TP,3216	C60,C61
45	2203-005619	1	ccap_v, C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,3216	C85
46	2203-005918	1	ccap, C-CERAMIC,CHIP;1000NF,10%,6.3V,X7R,TP,1608	C79
47	2203-006104	1	ccap, C-CERAMIC,CHIP;1000NF,10%,50V,X7R,TP,3225	C84
48	2402-001125	4	ecap, C-POLYMER AL CHIP;15UF,20%,25V,-,TP,7.3X4.3X1.9MM	C51,C52,C53,C54
49	2402-001170	4	ecap, C-POLYMER AL CHIP;150UF,20%,6V,WT,TP,7.3*4.3*1.8M	C55,C56,C57,C58
50	2404-001075	1	tantal, C-TA,CHIP;100UF,20%,16V,GP,TP,7343	C59
51	2703-000310	2	inductor, INDUCTOR-SMD;1.8uH,10%,0.8x1.6x0.8mm	B4,B5
52	2703-002530	2	inductor, INDUCTOR-SMD;2.2UH,20%,6.86X6.47X3.0MM	L1,L2
53	3301-000314	2	bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,TP	B6,B24
54	3301-001162	2	bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,TP	B1,B2
55	3301-001594	1	bead_core, CORE-FERRITE BEAD;AB,90ohm,2.0X1.2X1.3MM,200MA,TP,	LT1
56	3710-001703	1	sock-12z-2r-smd, CONNECTOR-SOCKET;12P,2R,2MM,SMD-S,AU10U	J4
57	3722-001175	1	jack-dc-power-3p, JACK-DC POWER;3P,5.9PI,SN,BLK	J2
58	3722-001524	1	jack-usb-4p-mnt, JACK-USB;4P,-,AUF,BLK,-	J3
59	3722-001691	1	jack-phone-9p-led, JACK-PHONE;10P,3.6PI,AU,ORN,-	J6
60	3722-001808	1	jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	J5
61	BA41-00398A	1	pcb	

7-3 On-Top Board

7-3-1 Schematic Diagrams



7-3-2 PCB Silkscreen

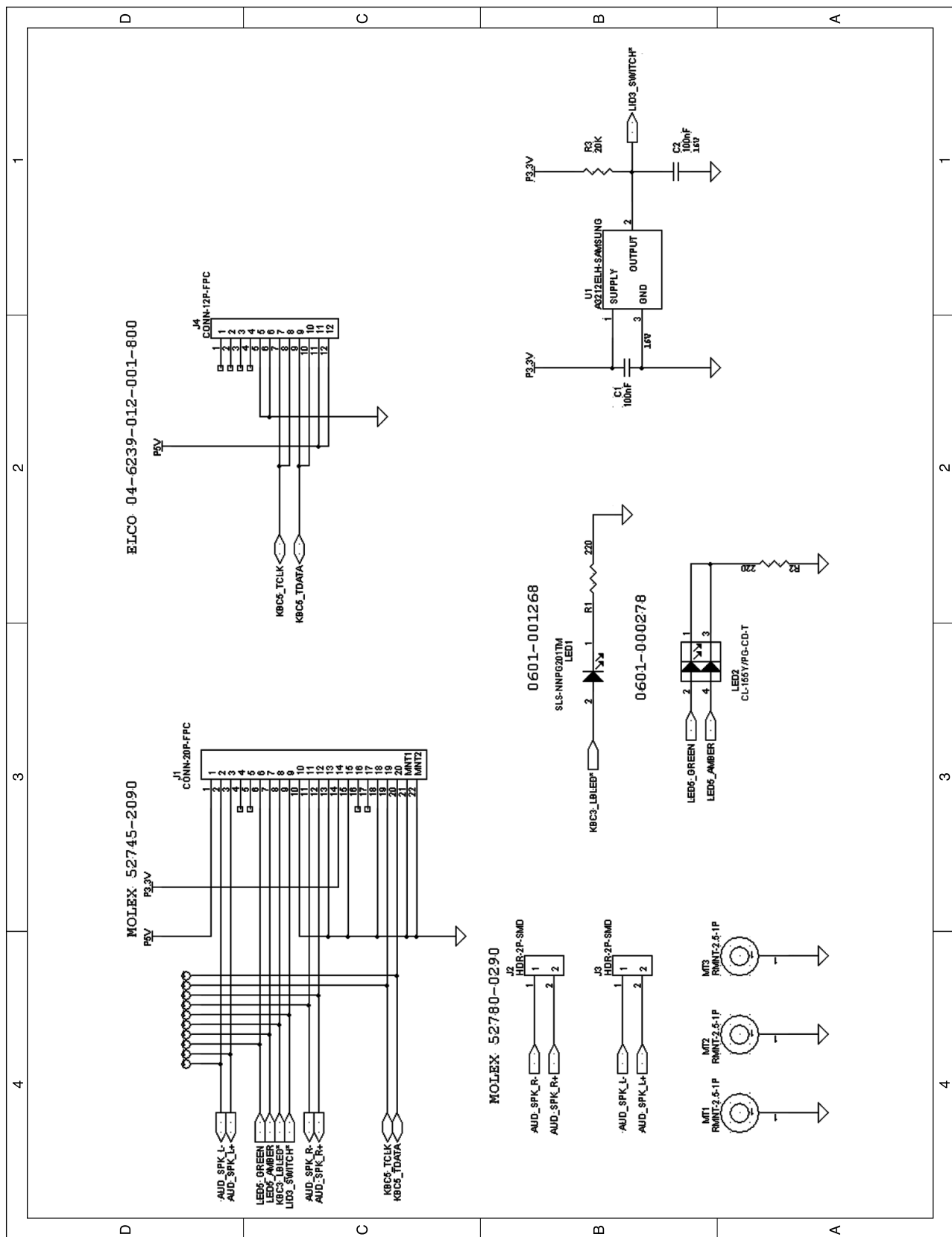


7-3-3 Parts List

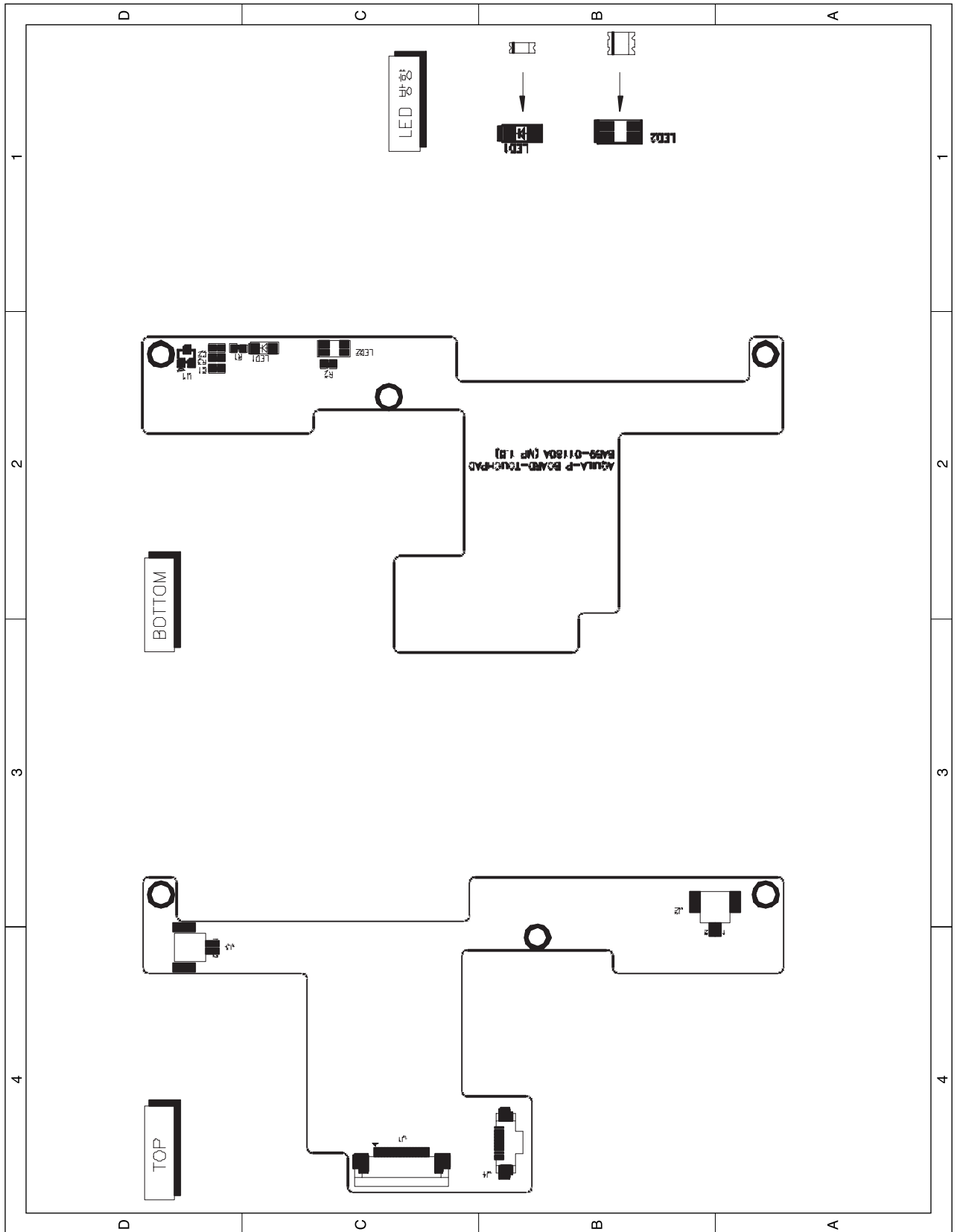
NO	CODE NO	ITEM NO	Q'TY	LOCATION NO	REMARK
1	A16-01-A-008	LTST-C150GKT LED-CHIP	4	LED1, LED2, LED3, LED4	LITE-ON
2	A16-01-A-015	SLS-NNBL201TS, BLUE LED-CHIP	2	LED5, LED6	SEM
3	A03-05-A-013	7S08(SOT-25), IC IC-CMOS LOGIC	4	U1, U2, U3, U4	TOSHIBA
4	A01-02-A-028	220 ohm, 5%(J), 1608 R-CHIP	6	R5, R6, R7, R8, R9, R10	SEM, ROHM
5	A01-02-A-004	10 Kohm, 5%(J), 1608 R-CHIP	4	R1, R2, R3, R4	SEM, ROHM
6	A02-02-B-001	1nF, 10%(K), 50V, X7R, 1608 C-CHIP	4	C4, C5, C6, C7	SEM, ROHM
7	A02-02-D-002	100 nF, -20~80%(Z), 25V, Y5V, 1608 C-CHIP(1608)	3	C1, C2, C3	SEM, MURA, PHI
8	A13-02-A-006	SKQGAB TACT S/W	5	SW1, SW2, SW3, SW4, SW5	ALPS
9	A04-01-A-040	52745-2090 FPC CONN	1	J1	MOLEX
10	A07-44-A-006	0406-001005, SM05 DIODE-TVS	2	ZD1, ZD2	사급
11	A09-01-A-083	ONTOP B/D, 1.0t, 양면, MP1.0 PCB-AQUILA-P	1	-	기주, 하이테크

7-4 TouchPad Board

7-4-1 Schematic Diagrams



7-4-2 PCB Silkscreen

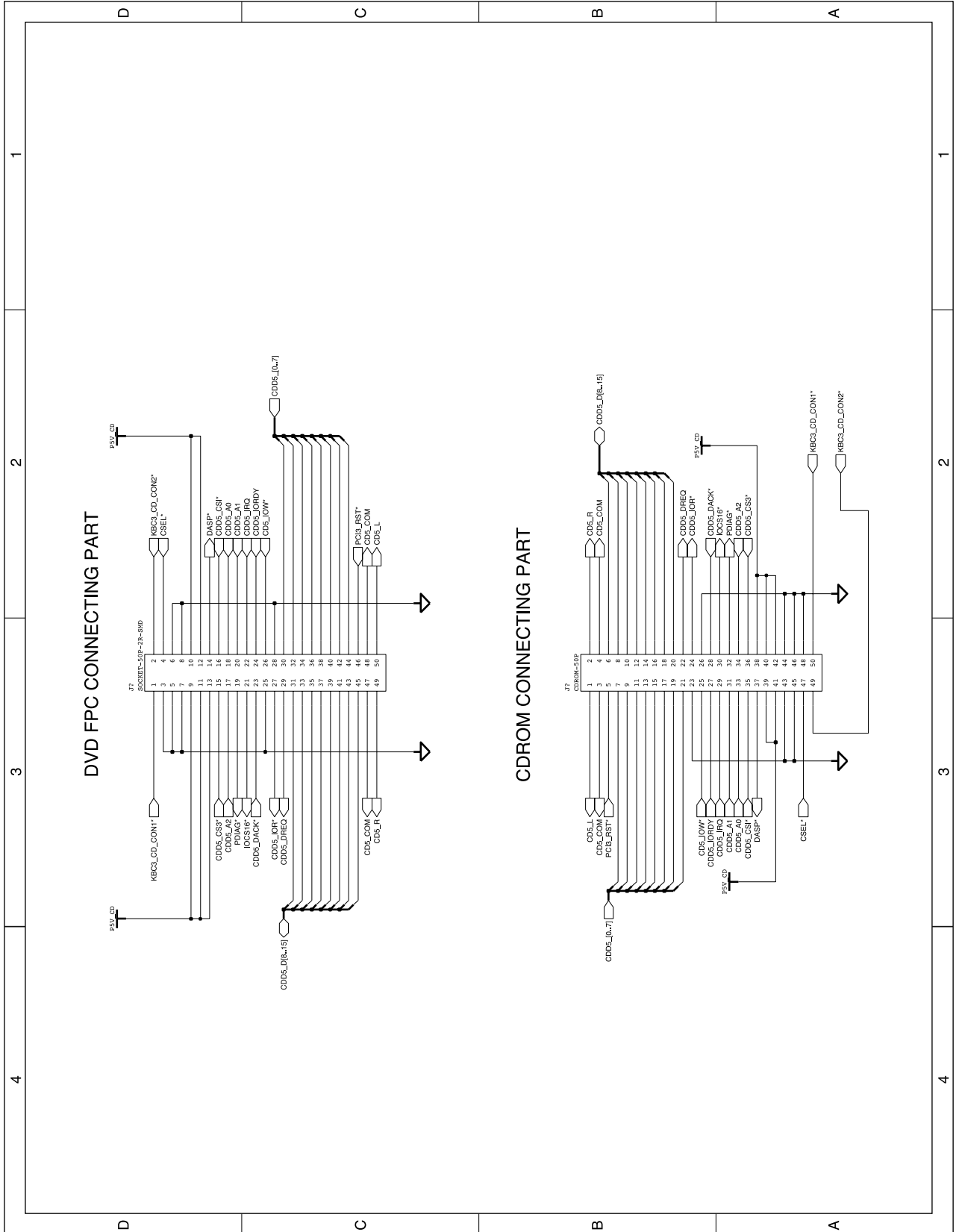


7-4-3 Parts List

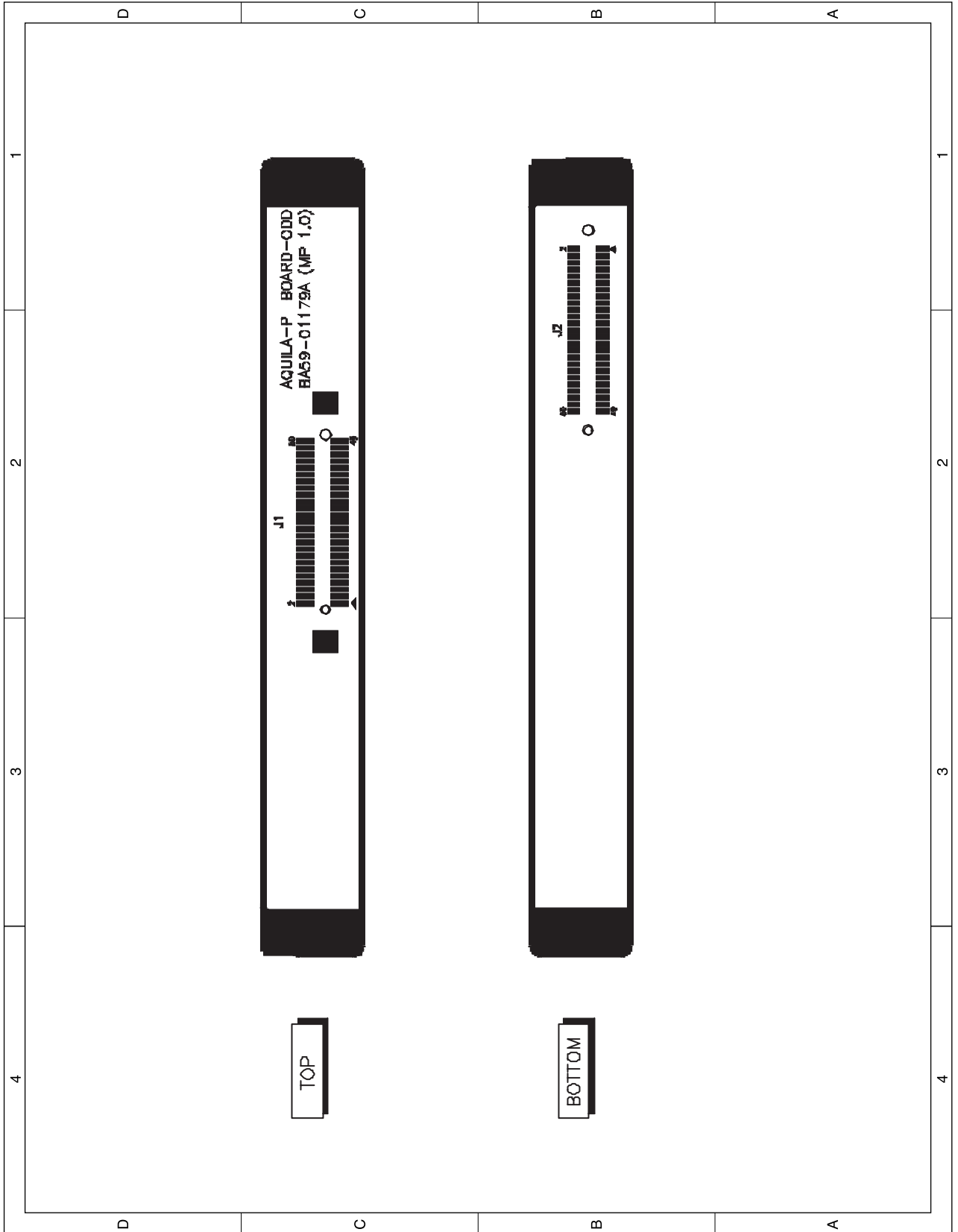
NO	CODE NO	ITEM NO	Q'TY	LOCATION NO	REMARK
1	A16-01-A-011	SLS-PGYE301-TM LED-CHIP	1	LED2	SEM
2	A16-01-A-008	LTST-C150GKT LED-CHIP	1	LED1	LITE-ON
3	A01-02-A-006	100 ohm, 5%(J), 1608 R-CHIP	1	R1	SEM, ROHM
4	A01-02-A-001	0 ohm, 5%(J), 1608 R-CHIP	1	R2	SEM, ROHM
5	A04-01-A-040	52745-2090 FPC CONN	1	J1	MOLEX
6	A04-01-A-029	01-6239-012-001-800 FPC-CONN FPC CONN	1	J4	ELCO
7	A04-01-A-014	53780-2090 CONN	2	J2, J3	MOLEX
8	A06-44-A-002	1009-001010, A2312ELH MAGNETIC SENSOR	1	U1	사급
9	A01-02-A-012	20 Kohm 5%(J), 1608 R-CHIP	1	R3	SEM, ROHM
10	A02-02-D-002	100 nF, -20~80%(Z), 25V, Y5V, 1608 C-CHIP(1608)	2	C1, C2	SEM, MUR, PHI
11	A09-01-A-084	TOUCHPAD B/D, 1.0t, 양면, MP1.0 PCB-AQUILA-P	1	-	기주, 하이테크

7-5 ODD IF Board

7-5-1 Schematic Diagrams



7-5-2 PCB Silkscreen



7-5-3 Parts List

NO	CODE NO	ITEM NO	Q'TY	LOCATION NO	REMARK
1	A04-44-A-060	3711-003521, KX15-50KLDL CONN-SOCKET	1	J1	JAE
2	A04-44-A-061	3711-005277, KX14-50K2-58E-1 CONN-HEADER	1	J2	JAE
3	A09-01-A-085	AQUILA-P ODD I/F B/D, 1.6t, 양면, MP1.0 PCB-AQUILA-P	1	-	기주, 하이테크