

3 System Schematic Diagrams

3-1 Main Board

3-1-1 Schematic Diagrams

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DANIO

CPU : Mobile Pentium-IV
Chip Set : Montara-P / ICH4-M

Model Name : DANIO
PBA Name : MAIN BOARD
PCB Code : BA41-00404A
Dev. Step : MP
Revision : 1.0
T.R. Date : JULY, 13, 2003

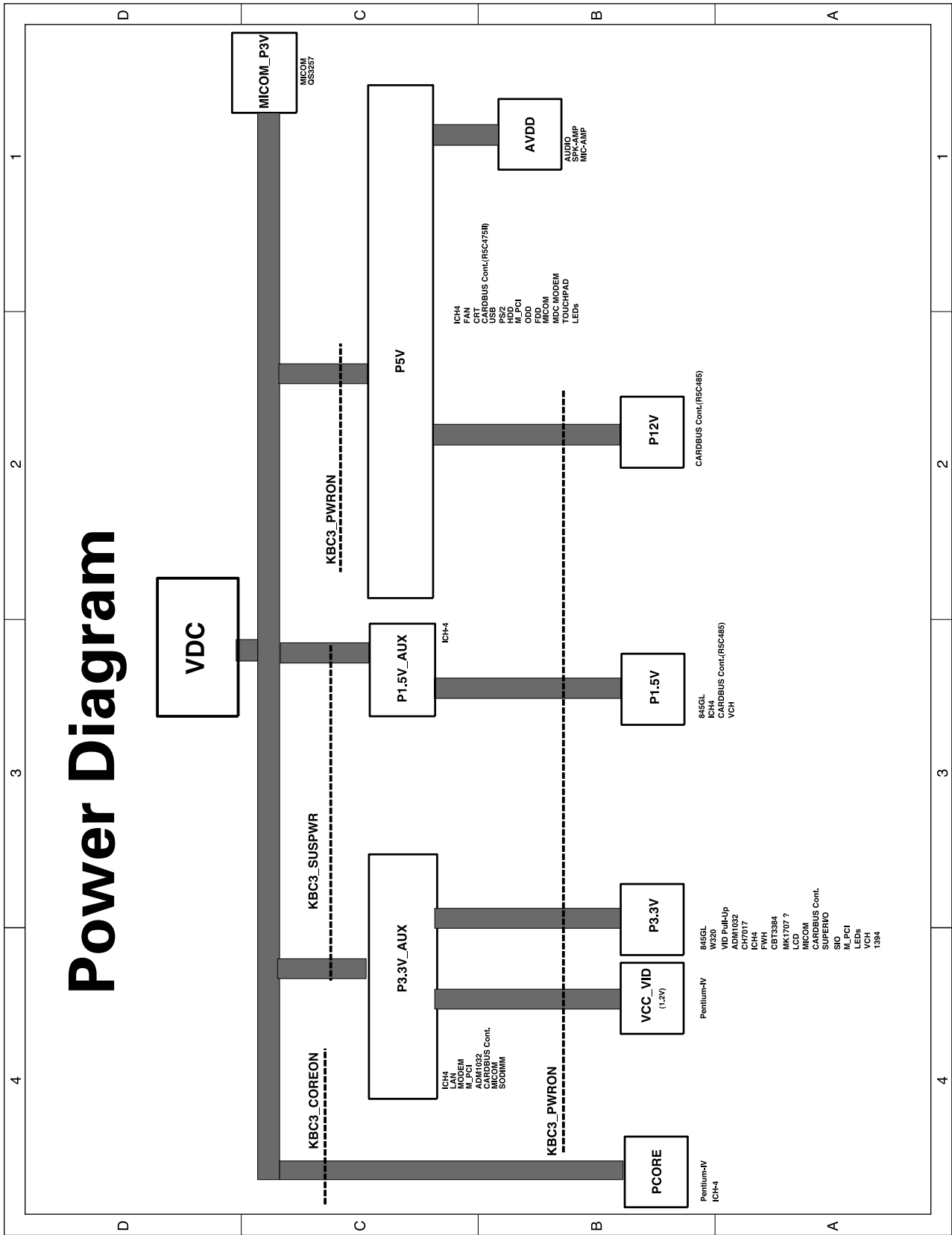
DRAW	CHECK	APPROVAL
Hyung Gyun Kim	Seung Pok Lee	Ji Sung Kim

Owner : Signature : X

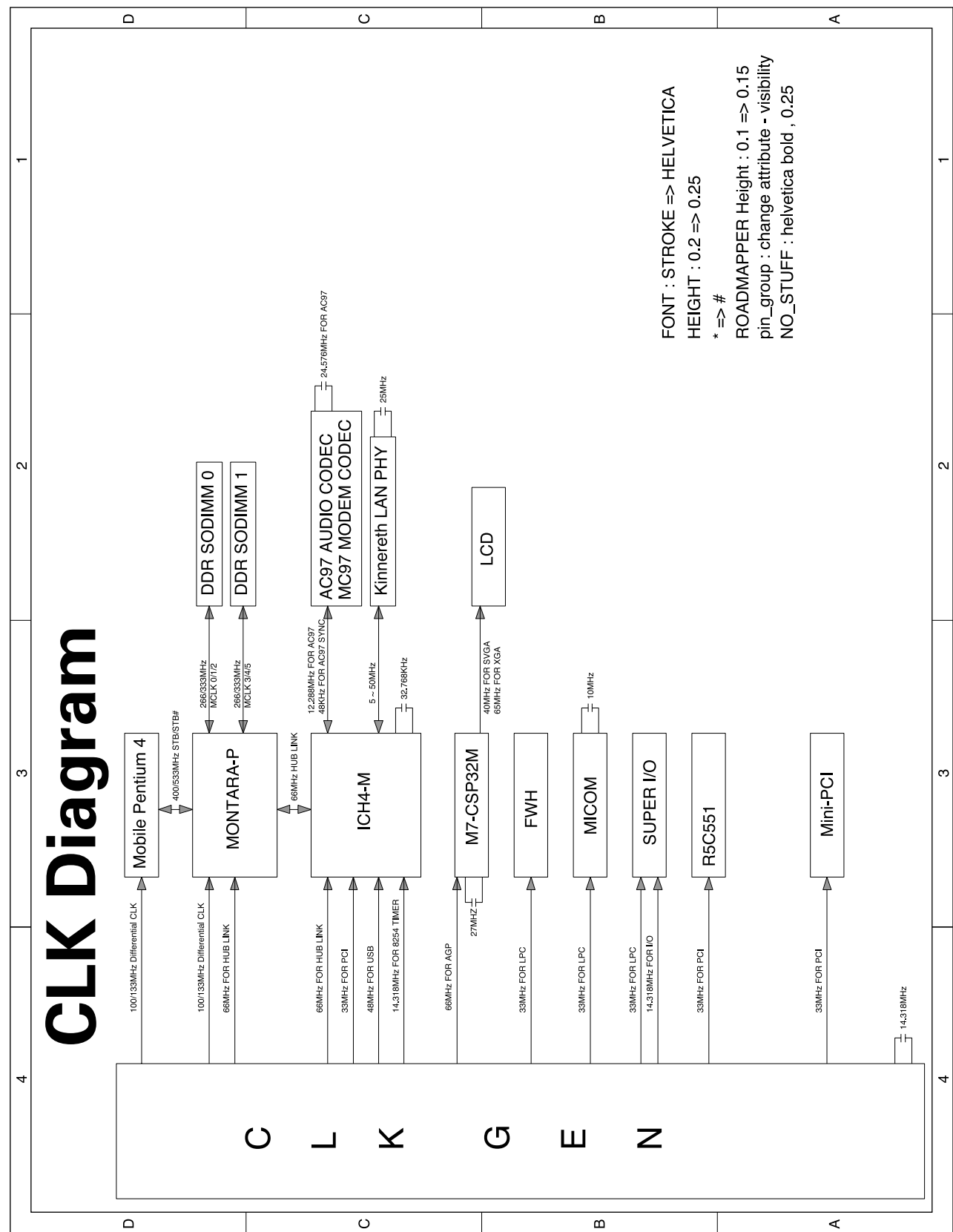
DANIO Block Diagram



Power Diagram



3-1-1(c) System Main Board Schematic Sheet 4 of 48(CLK DIAGRAM)



3-1-1(d) System Main Board Schematic Sheet 5 of 48(PLATFORM INFORMATION)

DANIO REFERENCE PLATFORM

SCHEMATIC ANNOTATIONS AND BOARD INFORMATION

PCI Devices

Devices	IOSEL#	REQ/GNT#	Interrupts
Cardbus	AD19 (internal)	0	A, B
MiniPCI	AD23 (internal)	2	A, B
Keyboard	AD24 (internal)	-	-
USB	AD28 (internal)	-	USB2.0 #0 : A USB2.0 #1 : D
Hub to PCI	AD30 (internal)	-	B
LPC bridge/IDE/AC97/SMBUS	AD31 (internal)	-	-

I²C / SMB Address

Devices	Address	Hex	Bus
ICH4	0x32 (CPU Thermal Sensor)	4Ch	SMBUS Master
ICH4 Thermal Sensor	0x32	4Ch	SMBUS Slave
SDR SDRAM0	1010 000x	A0h	SDR SDRAM0
SDRAMM1	1010 000x	A0h	SDR SDRAMM1
ICH4 Thermal Sensor	1010 000x	A0h	ICH4 Thermal Sensor
LVDS & TV Encoder (CH7017)	1110 101x	EAh	ICH BUS

USB PORT Assign

PORT NUMBER	ASSIGNED TO
0	SYSTEM A
2	SYSTEM B
1, 3-5	(RESERVED)

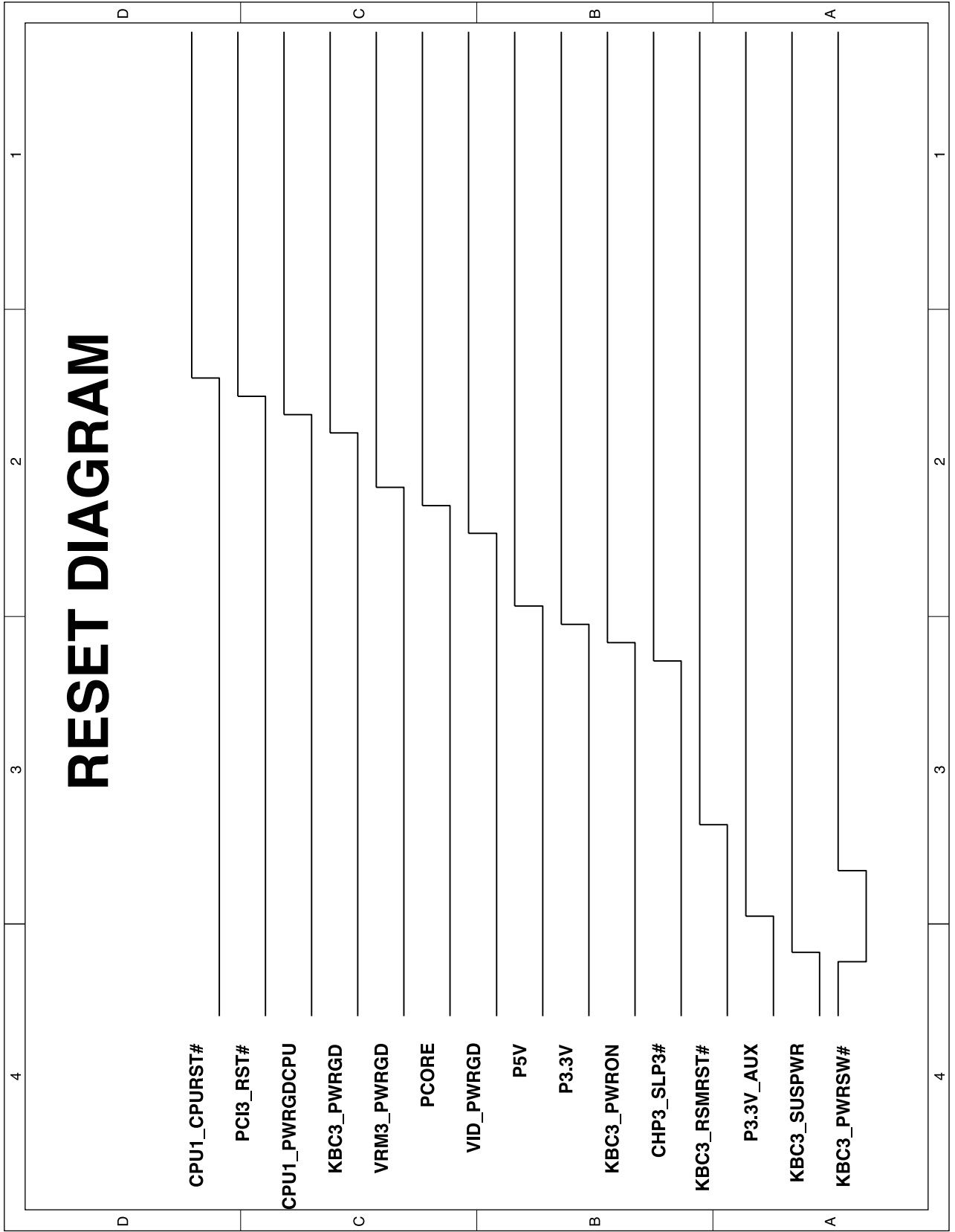
CPU Core Voltage Table

VID4	VID3	VID2	VID1	VID0	Voltage
0	1	1	0	0	1,550 V
0	1	1	0	1	1,500 V
0	1	1	1	0	1,475 V
0	1	1	1	1	1,450 V
1	0	0	0	0	1,425 V
1	0	0	0	1	1,400 V
1	0	0	1	0	1,375 V
1	0	0	1	1	1,350 V
1	0	1	0	0	1,325 V
1	0	1	0	1	VRM output off

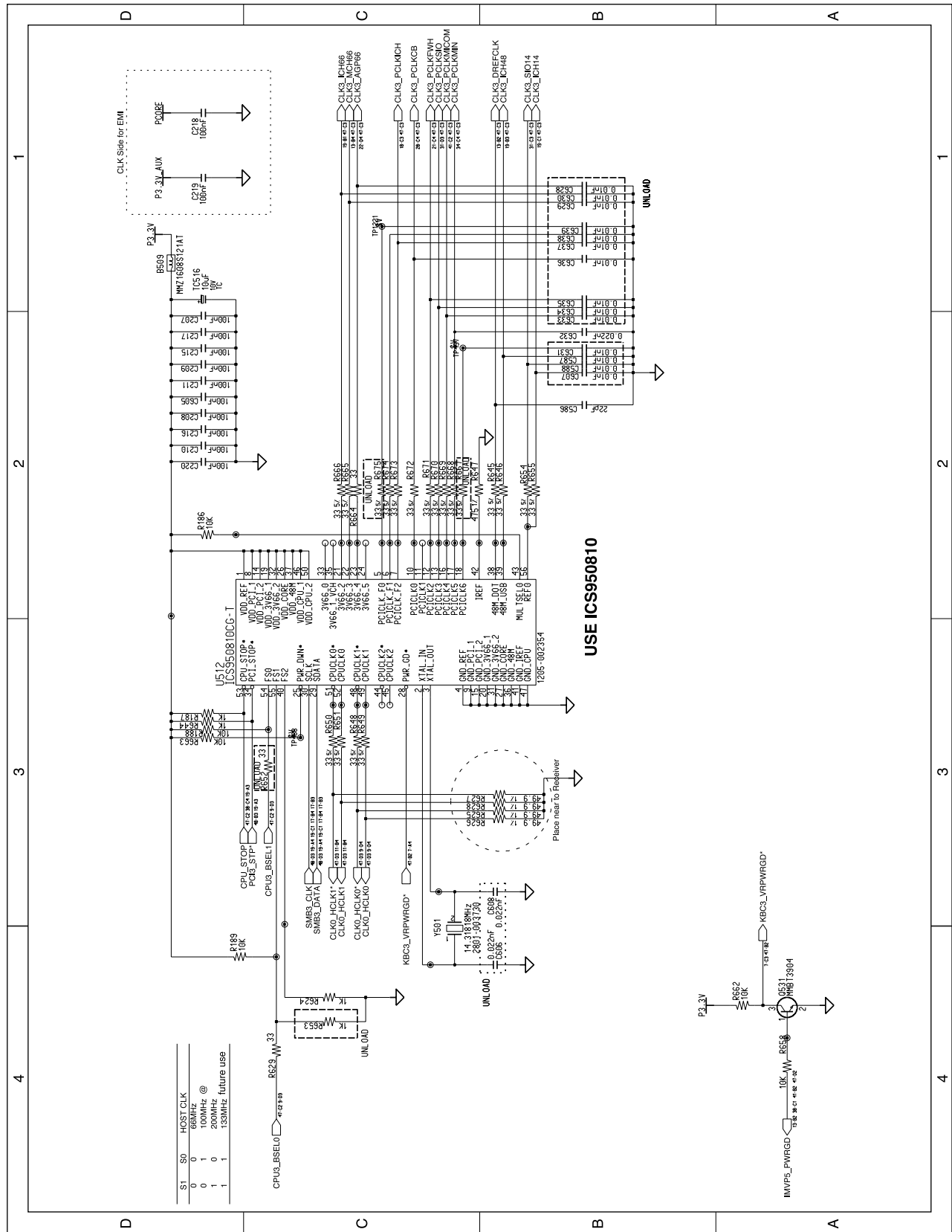
REVISION HISTORY

See rev notes in the changes file for more information.

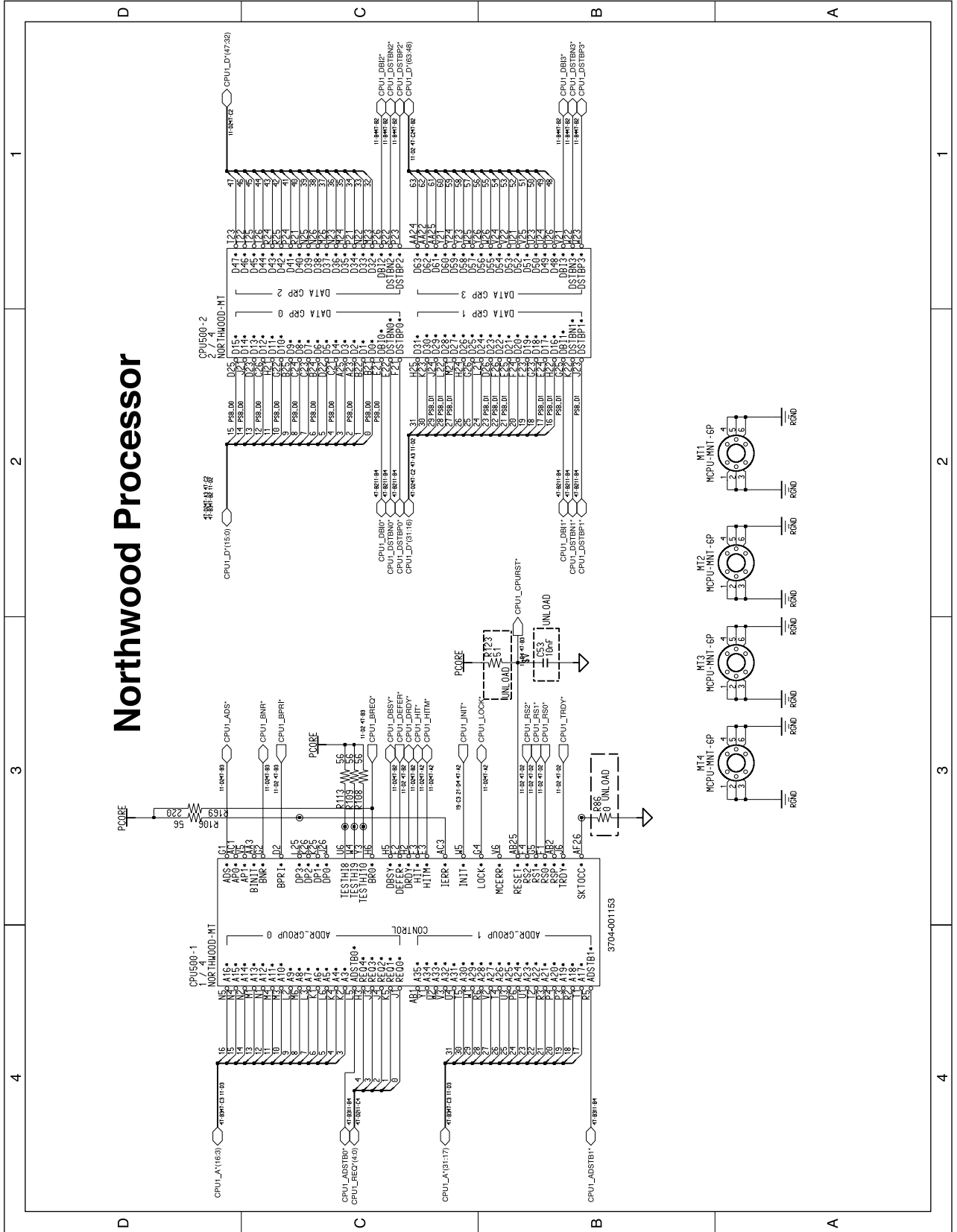
3-1-1(e) System Main Board Schematic Sheet 6 of 48(CLK GEN)



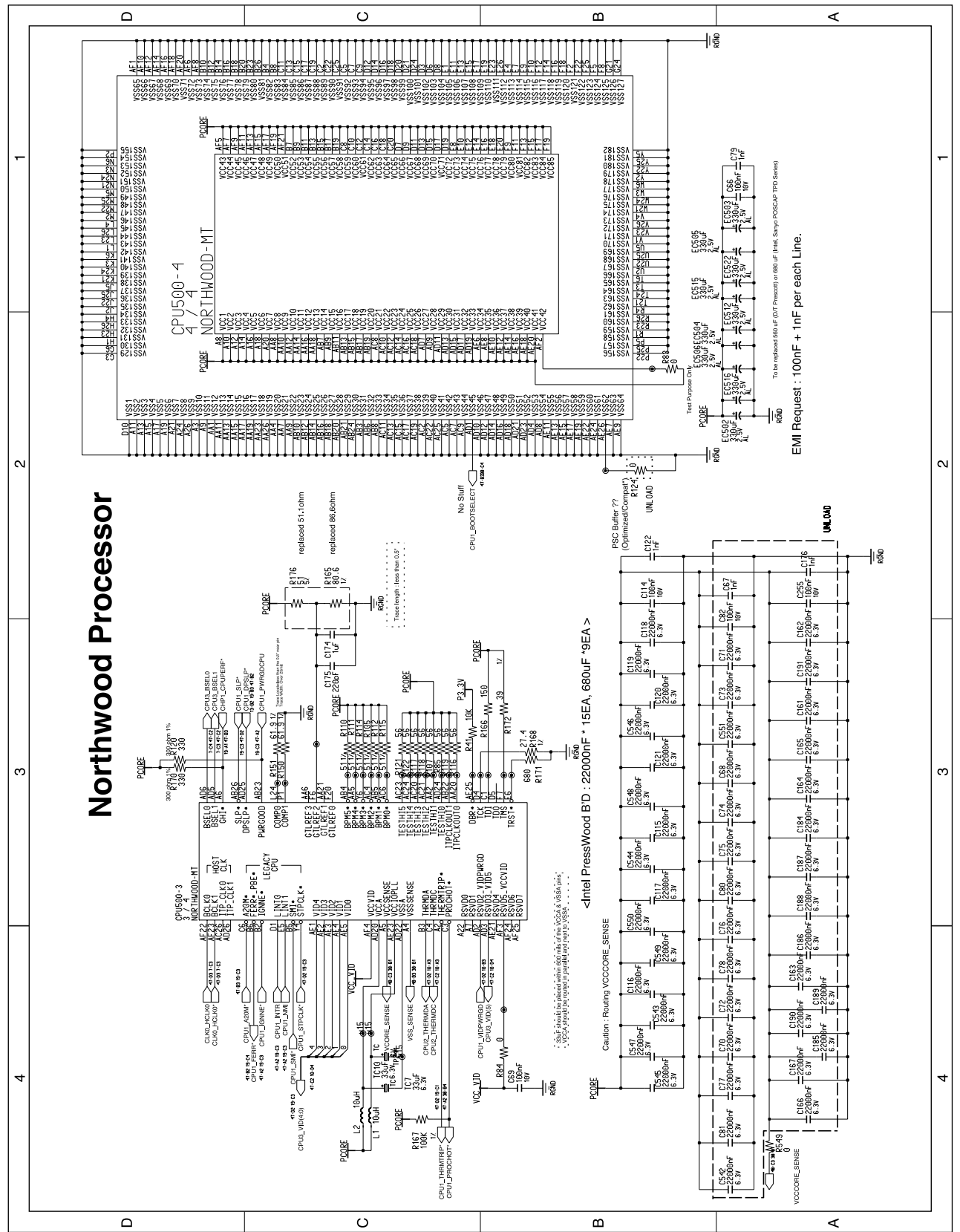
3-1-1(f) System Main Board Schematic Sheet 7 of 48(CLK GENERATOR)



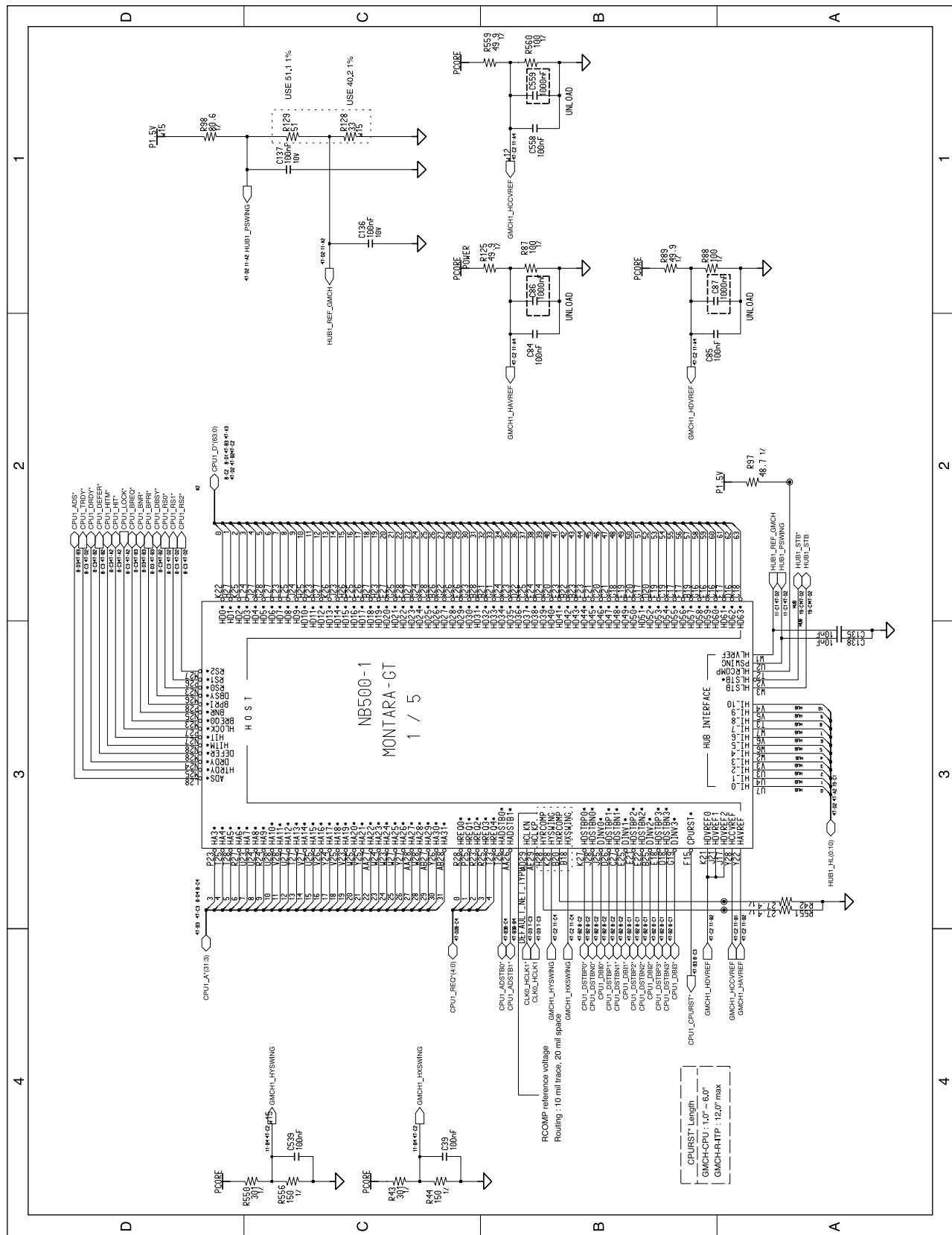
3-1-1(g) System Main Board Schematic Sheet 8 of 48(MOBILE PENTIUM-4)



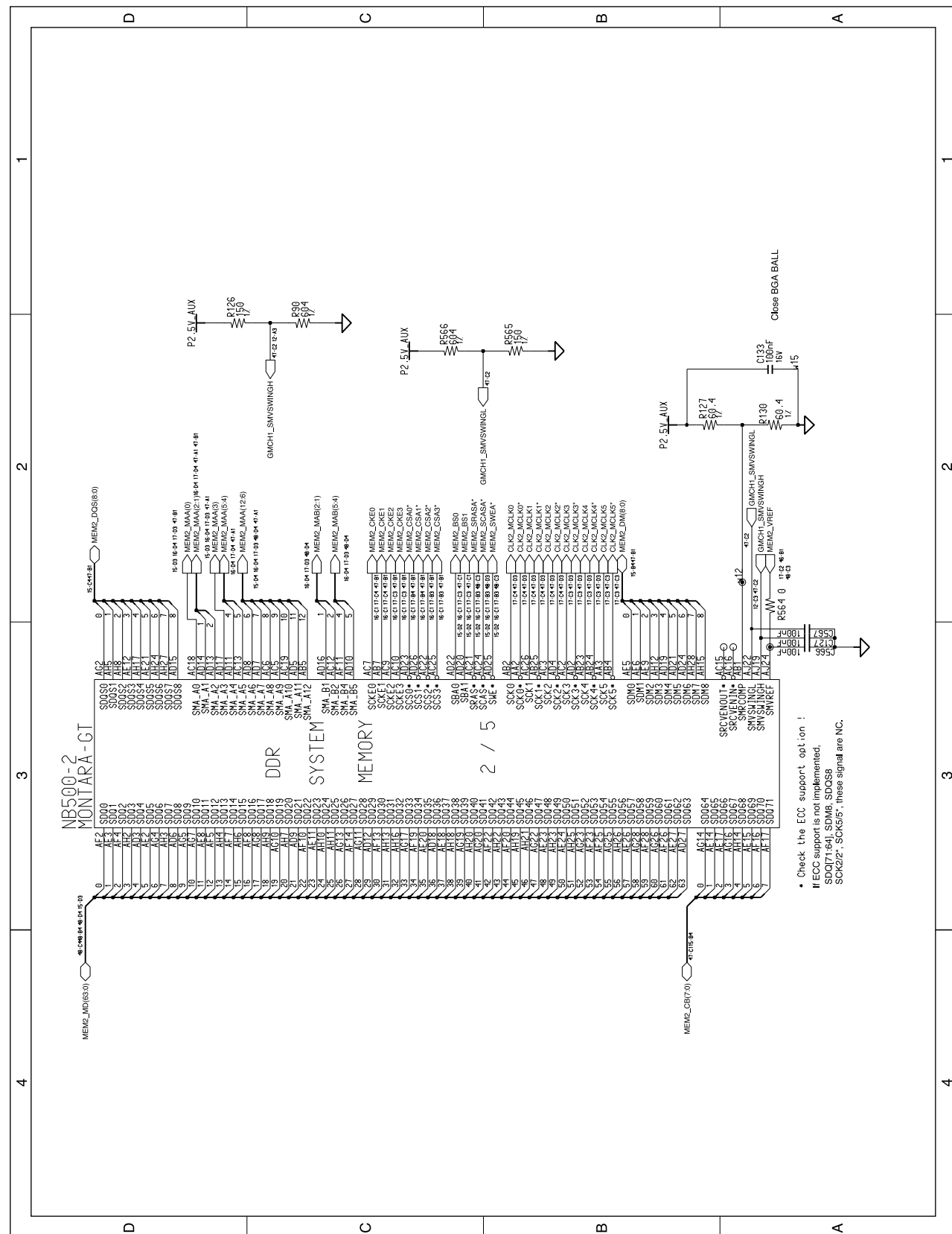
3-1-1(h) System Main Board Schematic Sheet 9 of 48(MOBILE PENTIUM-4)



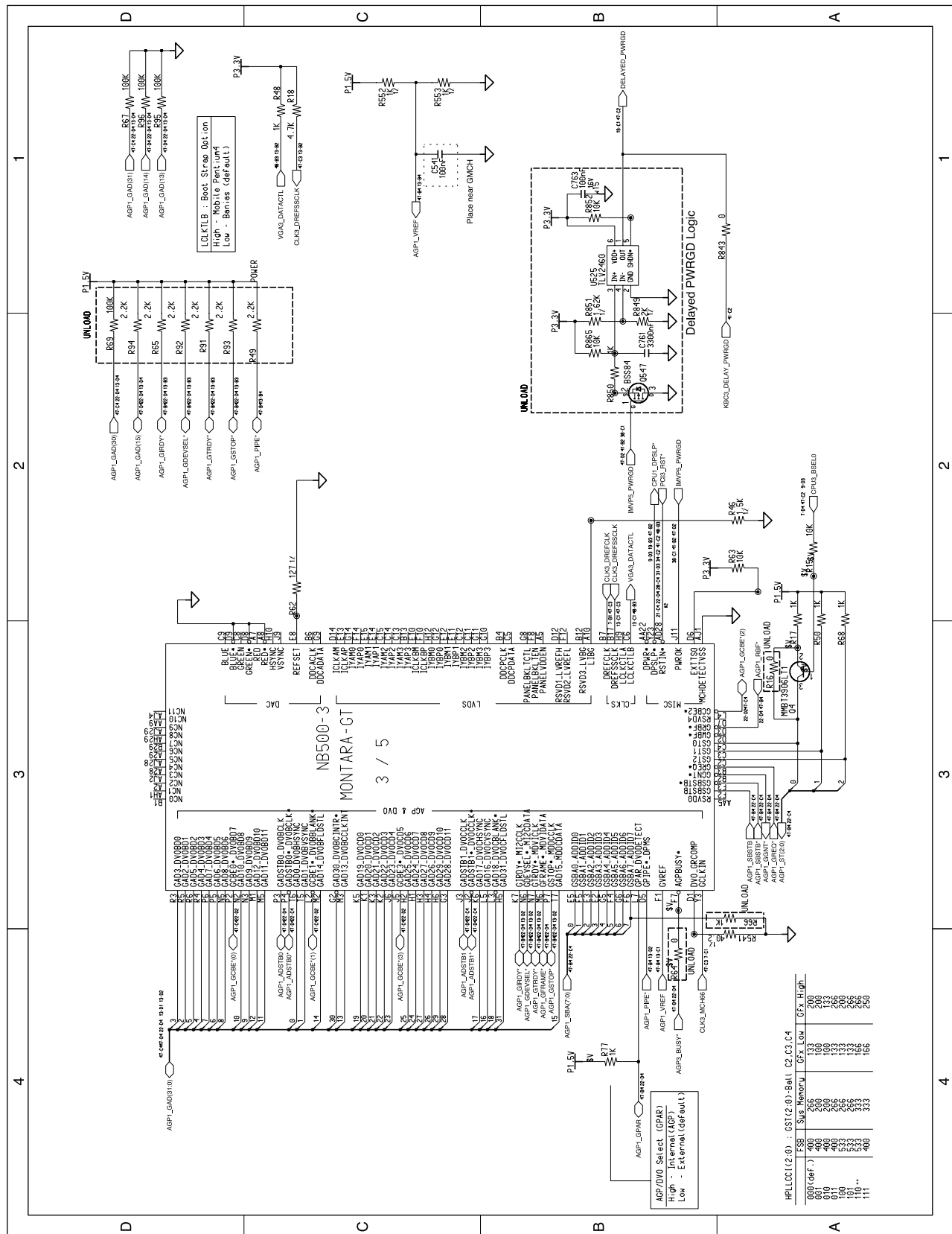
3-1-1(j) System Main Board Schematic Sheet 11 of 48(GMCH-M)



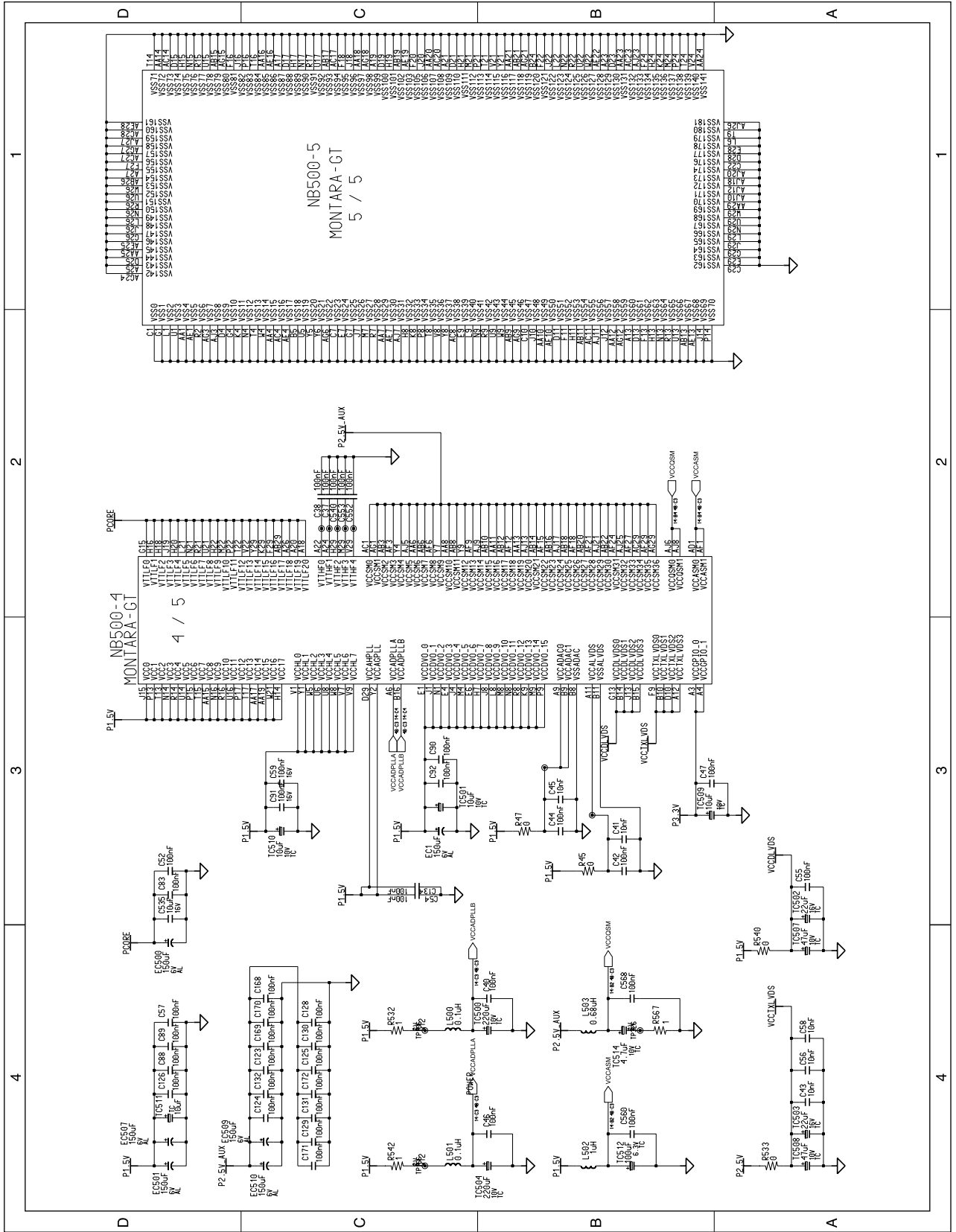
3-1-1(k) System Main Board Schematic Sheet 12 of 48(GMCH-M)



3-1-1(I) System Main Board Schematic Sheet 13 of 48(GMCH-M)



3-1-1(m) System Main Board Schematic Sheet 14 of 48(GMCH-M)



3-1-1(n) System Main Board Schematic Sheet 15 of 48(DDR-S TERMINATION)

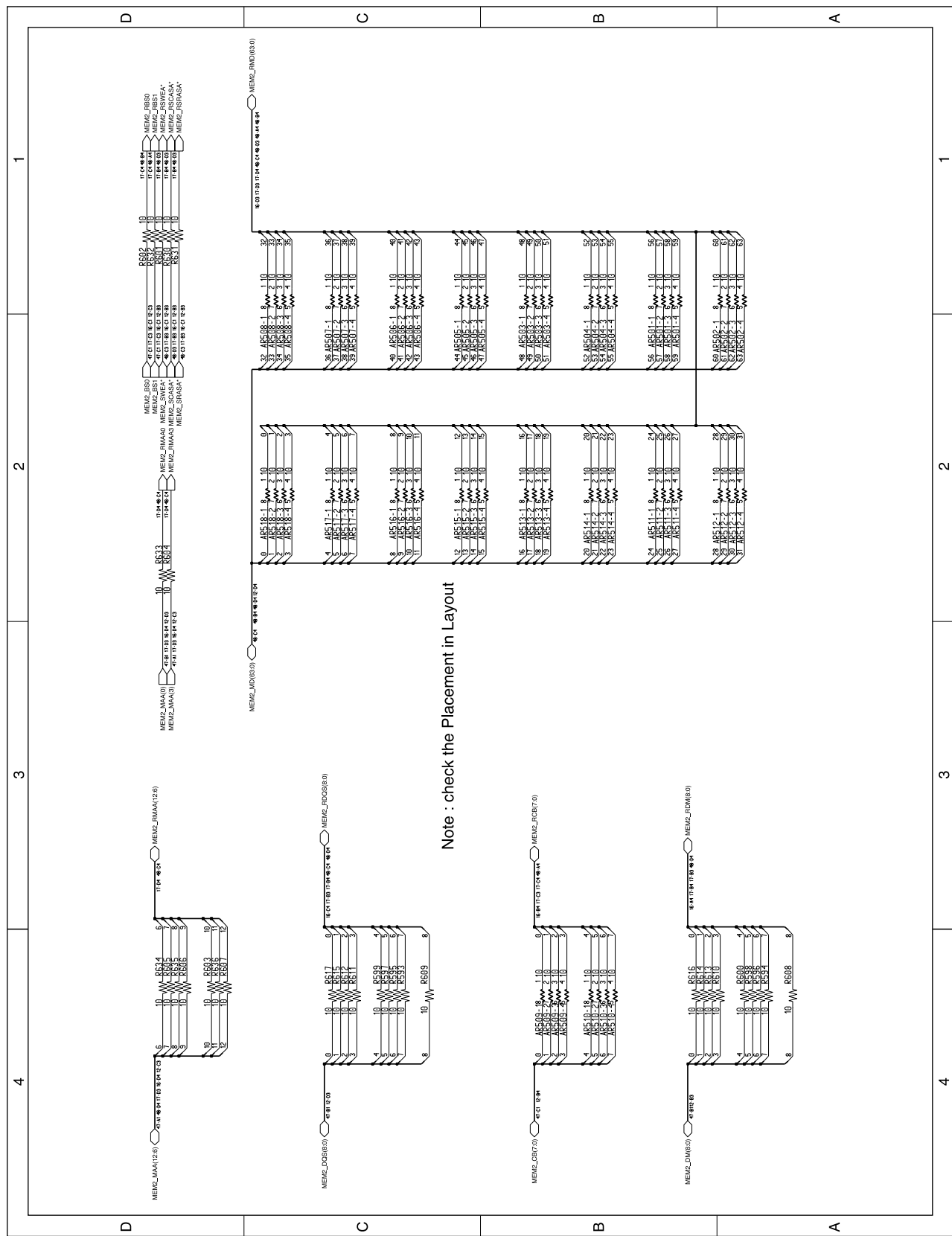
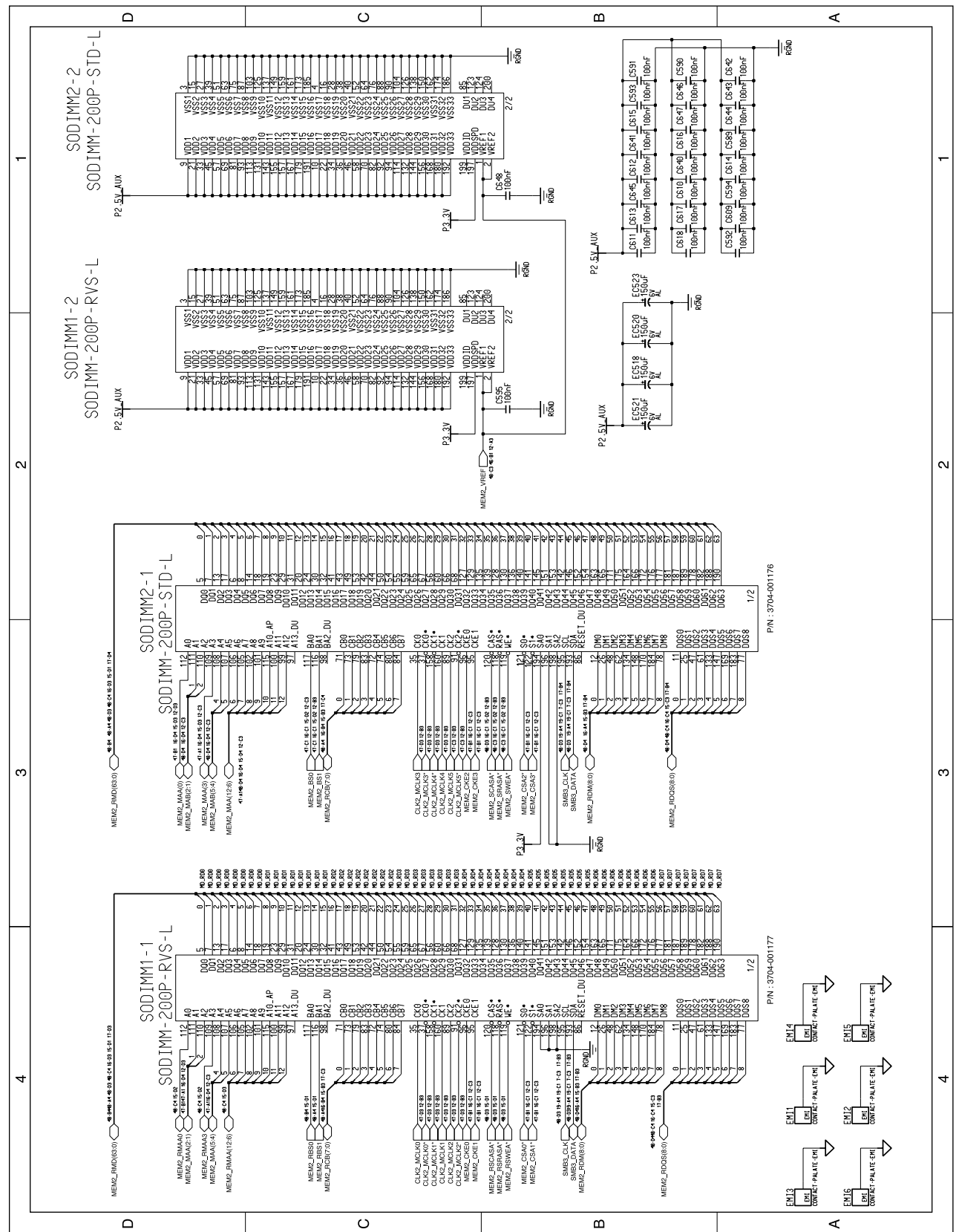
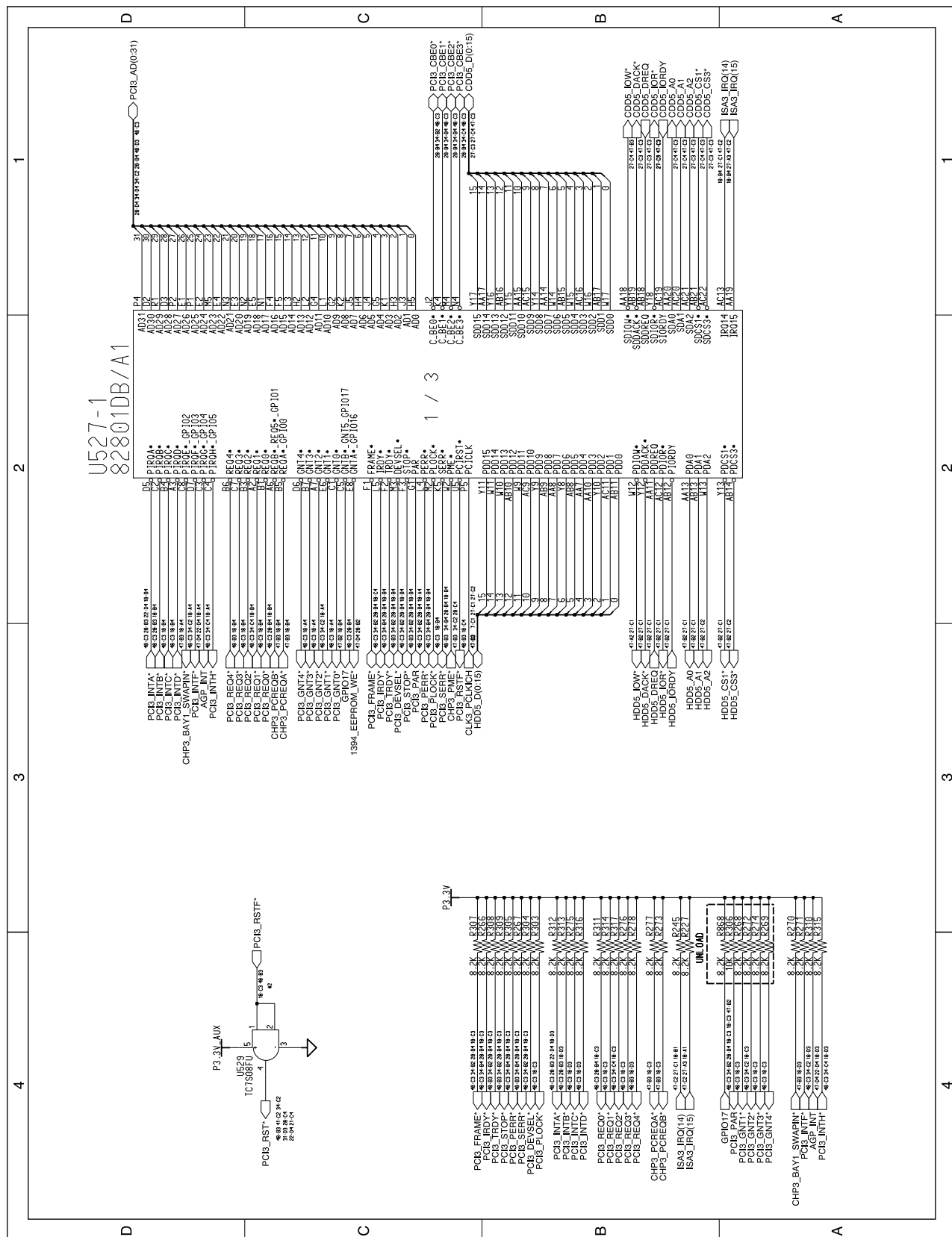


Figure 1 shows the PCB layout for the P1_25V power plane. The layout is divided into four sections (A, B, C, D) and four columns (1, 2, 3, 4). The layout includes various components such as resistors (R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838, R839, R840, R841, R842, R843, R844, R845, R846, R847, R848, R849, R850, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866, R867, R868, R869, R870, R871, R872, R873, R874, R875, R876, R877, R878, R879, R880, R881, R882, R883, R884, R885, R886, R887, R888, R889, R890, R891, R892, R893, R894, R895, R896, R897, R898, R899, R900, R901, R902, R903, R904, R905, R906, R907, R908, R909, R910, R911, R912, R913, R914, R915, R916, R917, R918, R919, R920, R921, R922, R923, R924, R925, R926, R927, R928, R929, R930, R931, R932, R933, R934, R935, R936, R937, R938, R939, R940, R941, R942, R943, R944, R945, R946, R947, R948, R949, R950, R951, R952, R953, R954, R955, R956, R957, R958, R959, R960, R961, R962, R963, R964, R965, R966, R967, R968, R969, R970, R971, R972, R973, R974, R975, R976, R977, R978, R979, R980, R981,

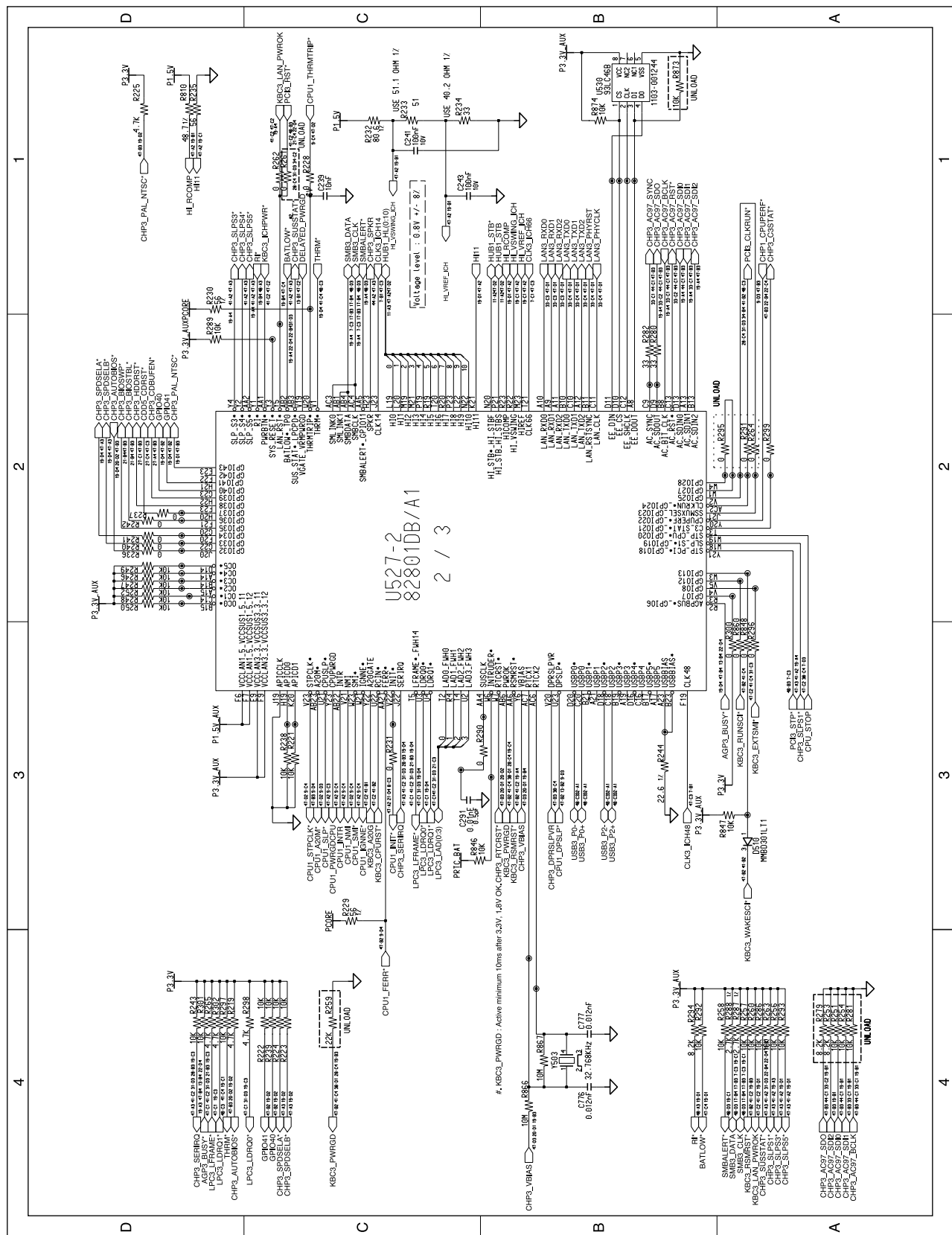
3-1-1(p) System Main Board Schematic Sheet 17 of 48(DDR SODIMM)



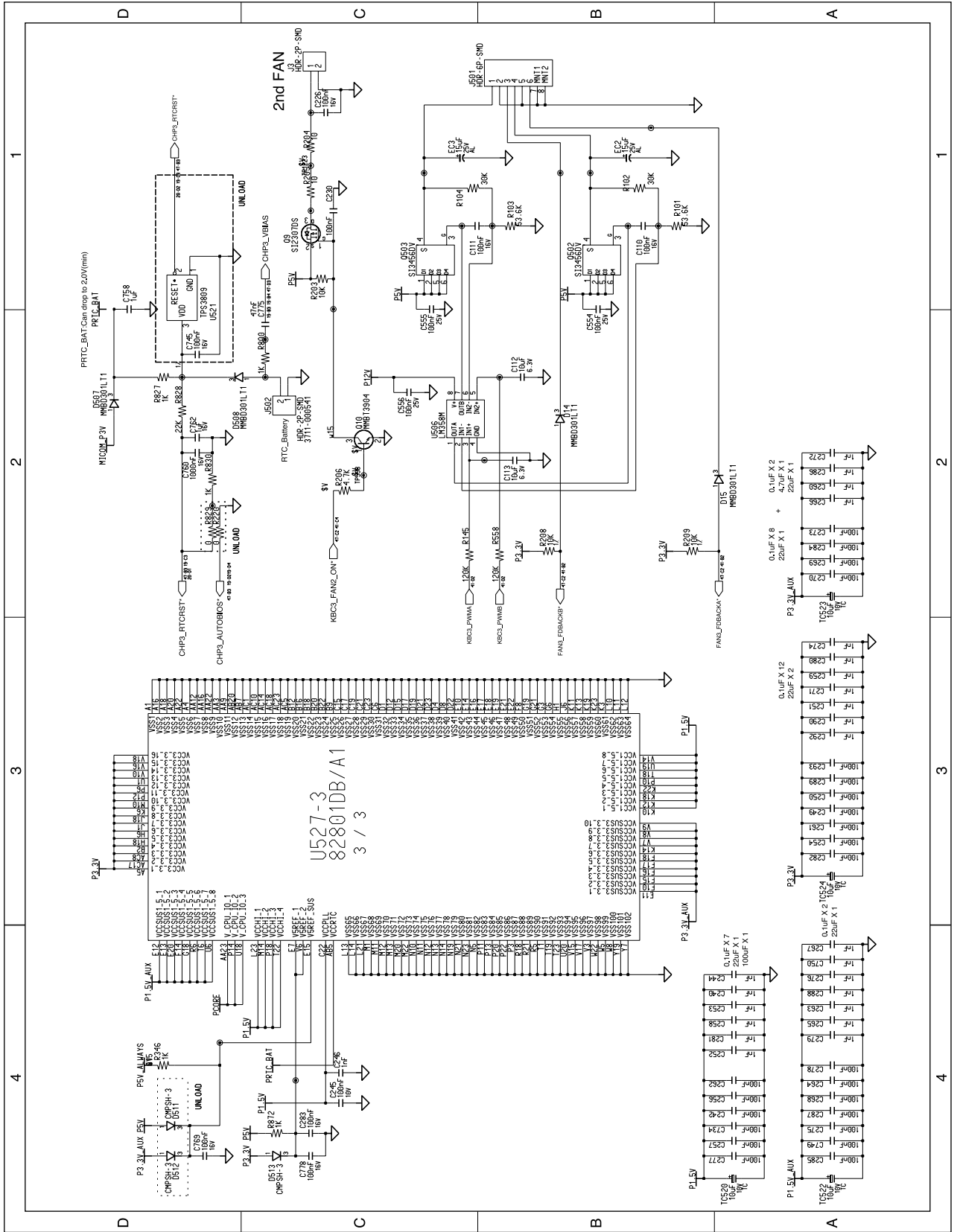
3-1-1(g) System Main Board Schematic Sheet 18 of 48(ICH4-M)



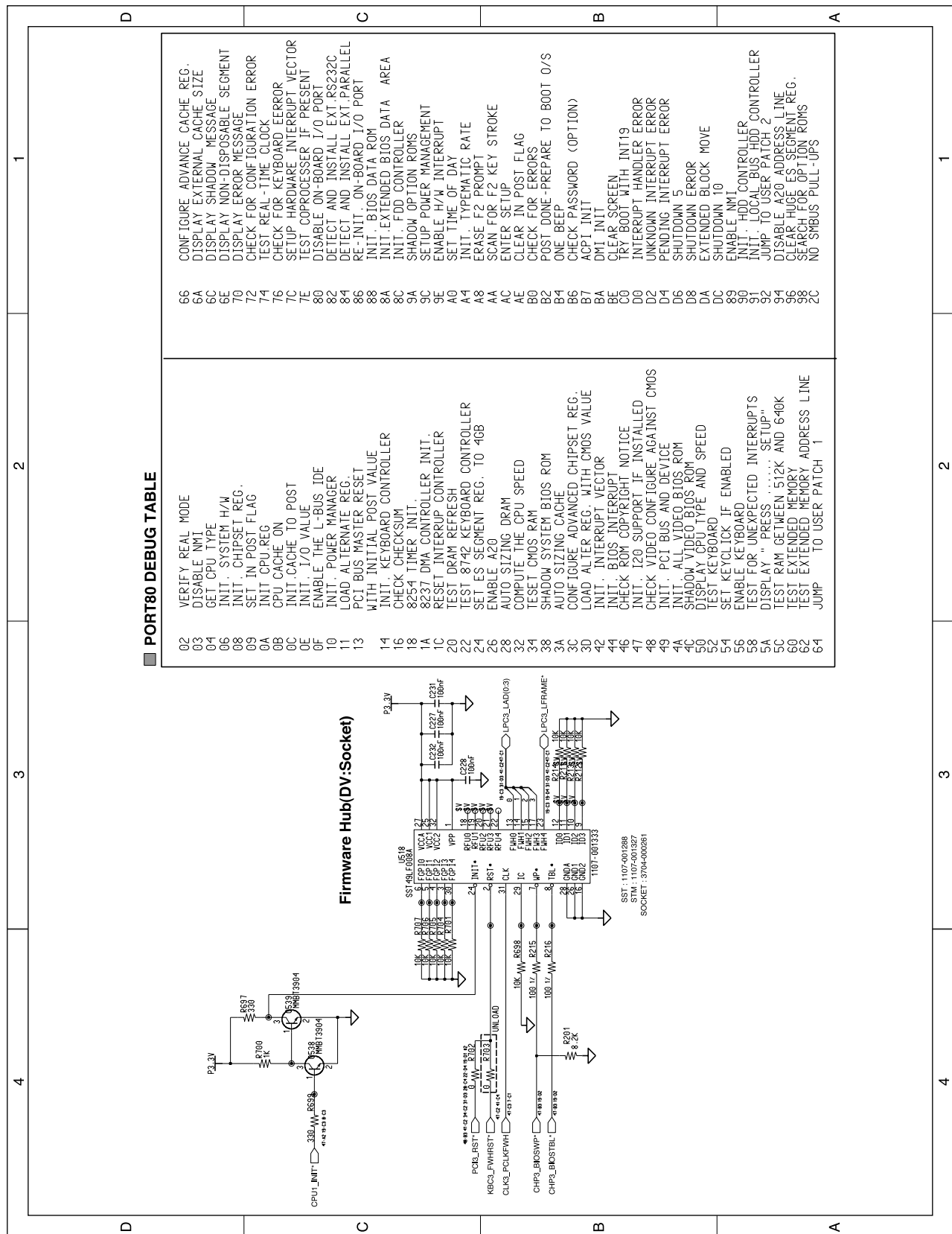
3-1-1(r) System Main Board Schematic Sheet 19 of 48(ICH4-M)



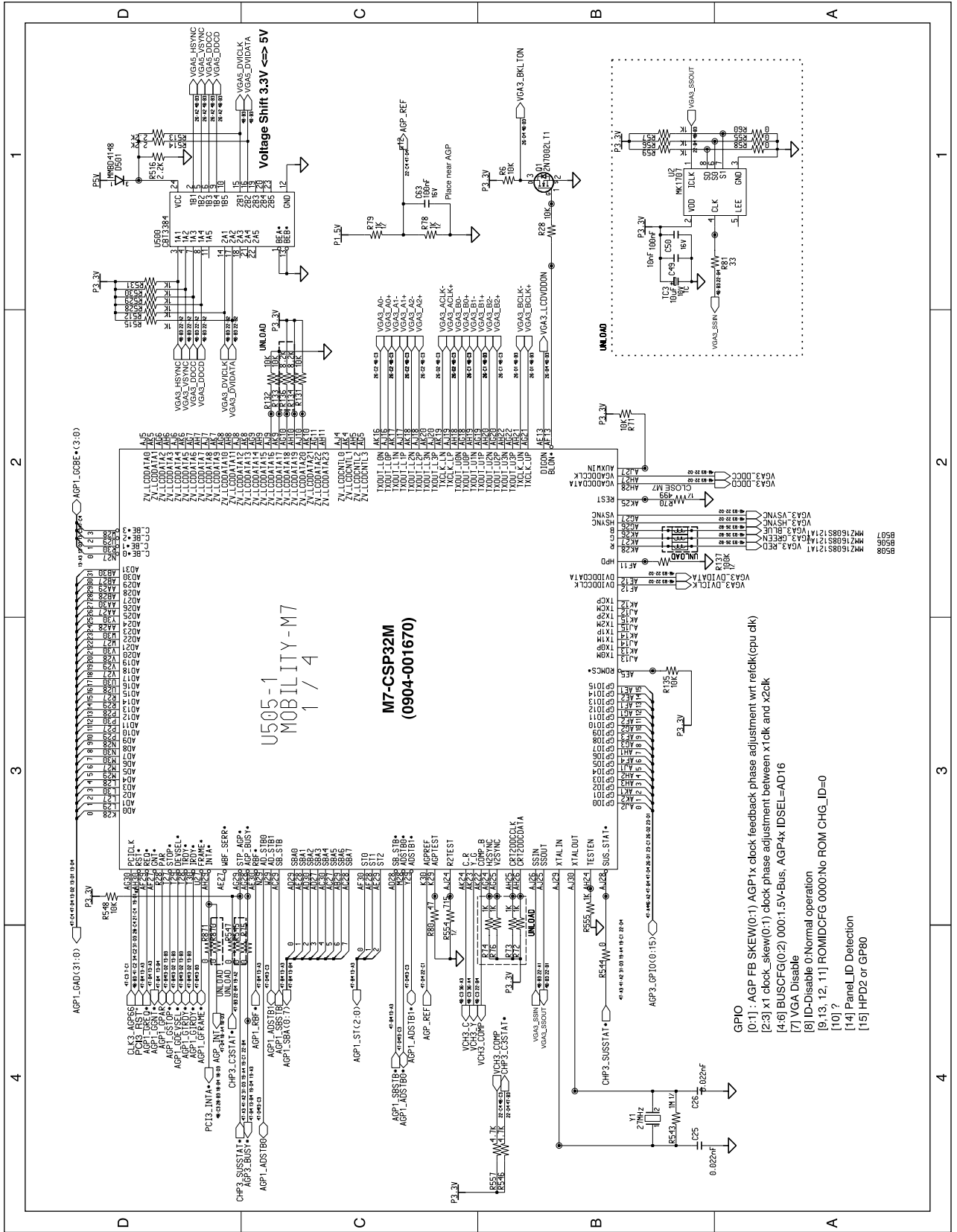
3-1-1(s) System Main Board Schematic Sheet 20 of 48(ICH4-M)



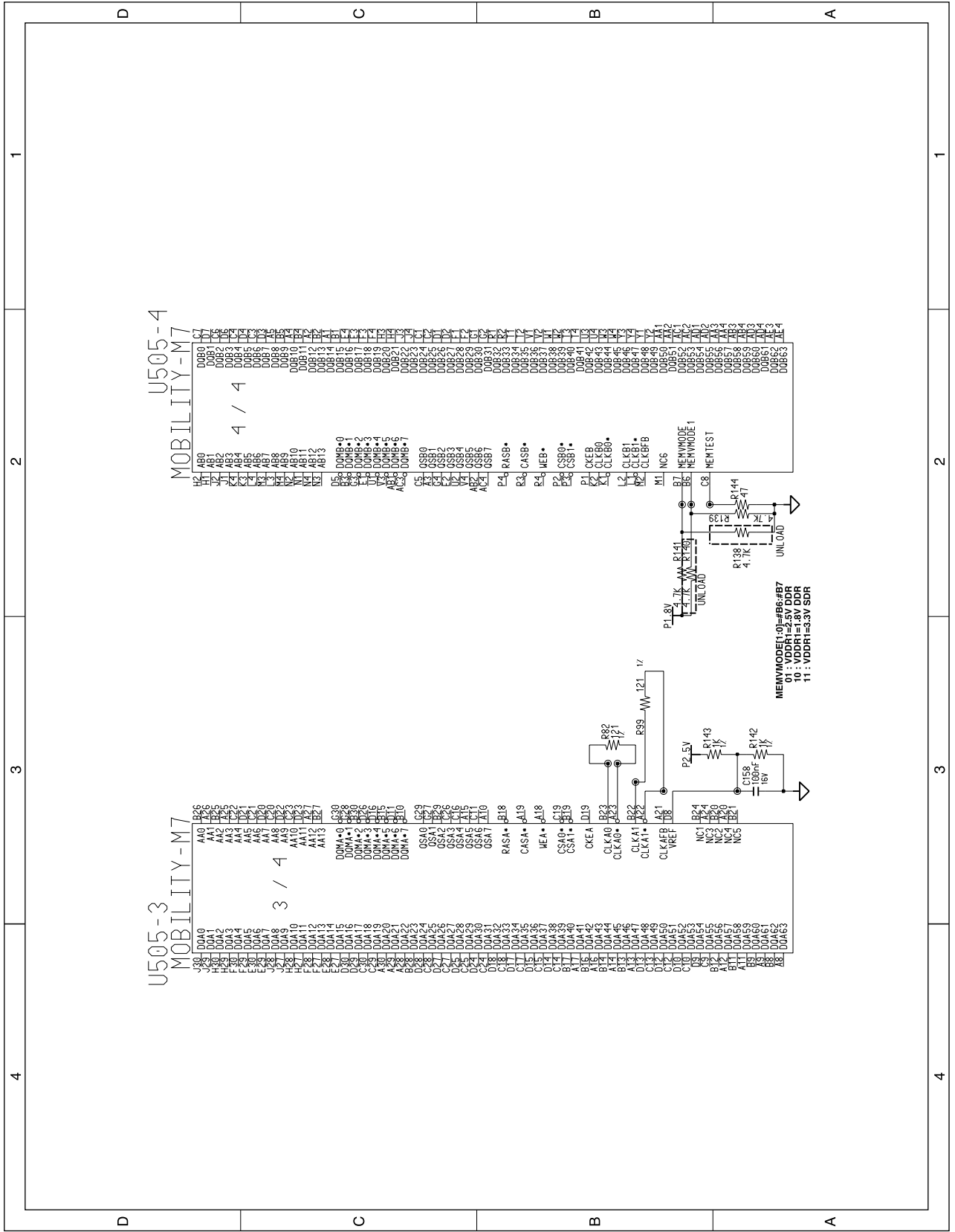
3-1-1(t) System Main Board Schematic Sheet 21 of 48(FWH)



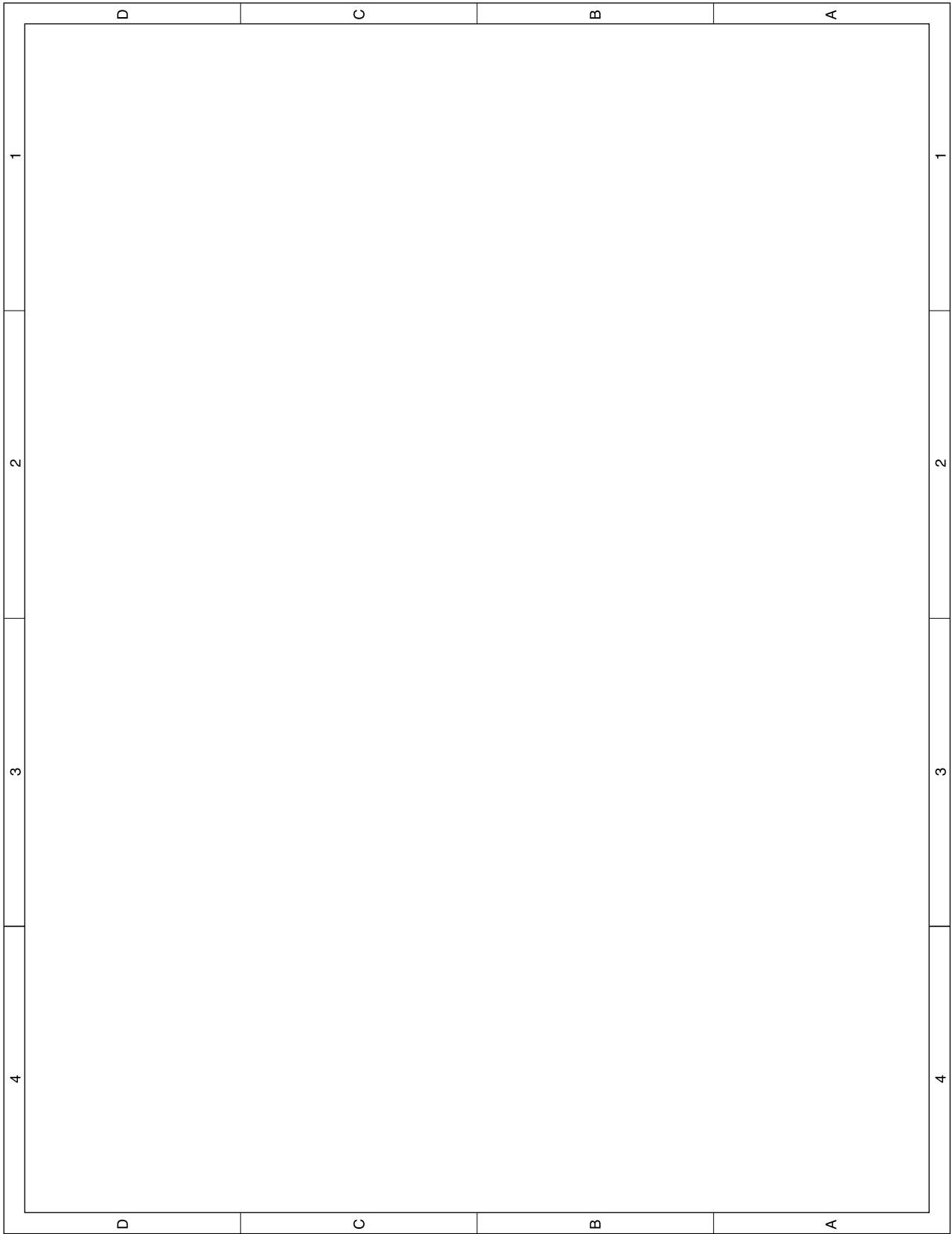
3-1-1(u) System Main Board Schematic Sheet 22 of 48(AGP VIDEO M7)



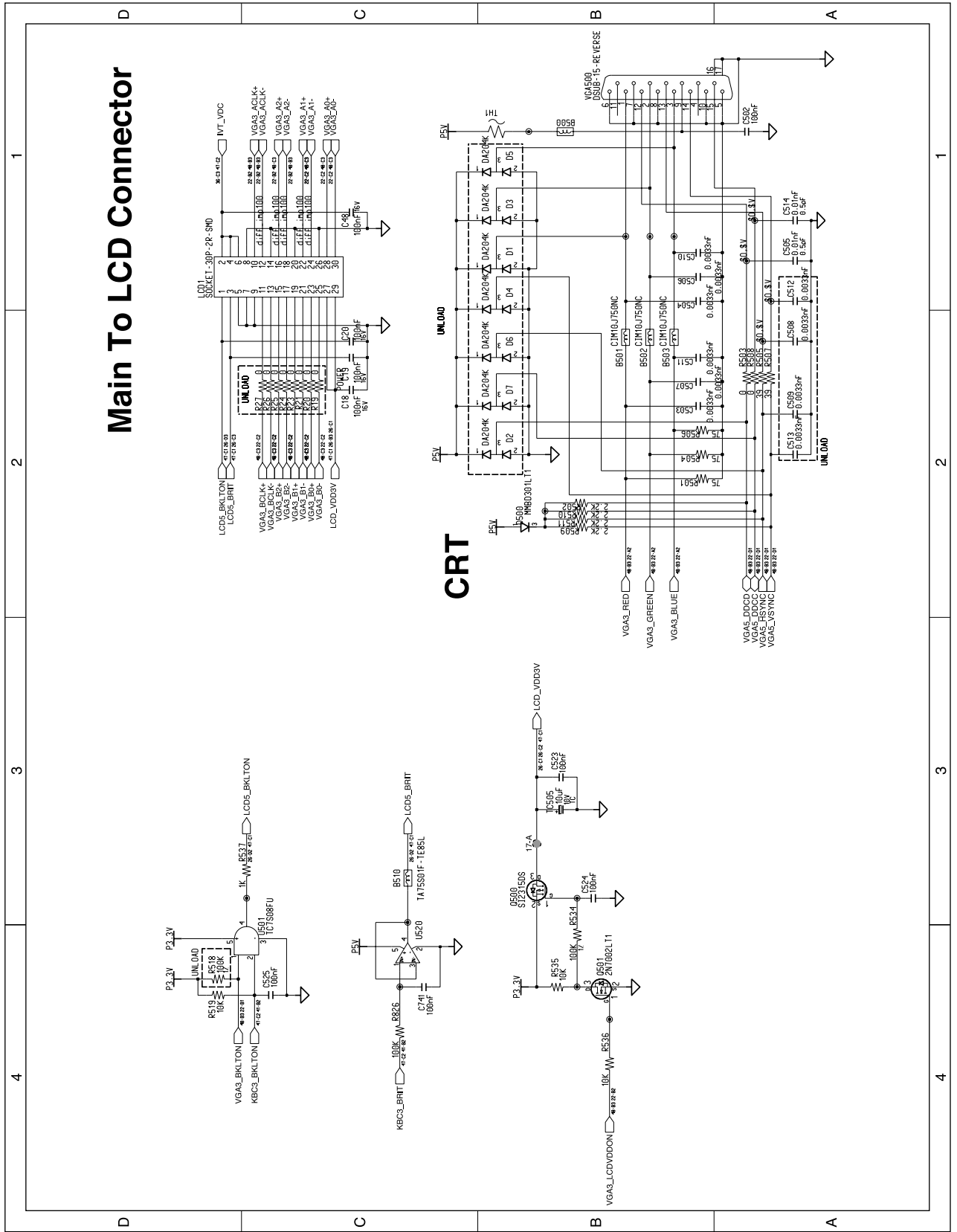
3-1-1(w) System Main Board Schematic Sheet 24 of 48(AGP VIDEO M7)



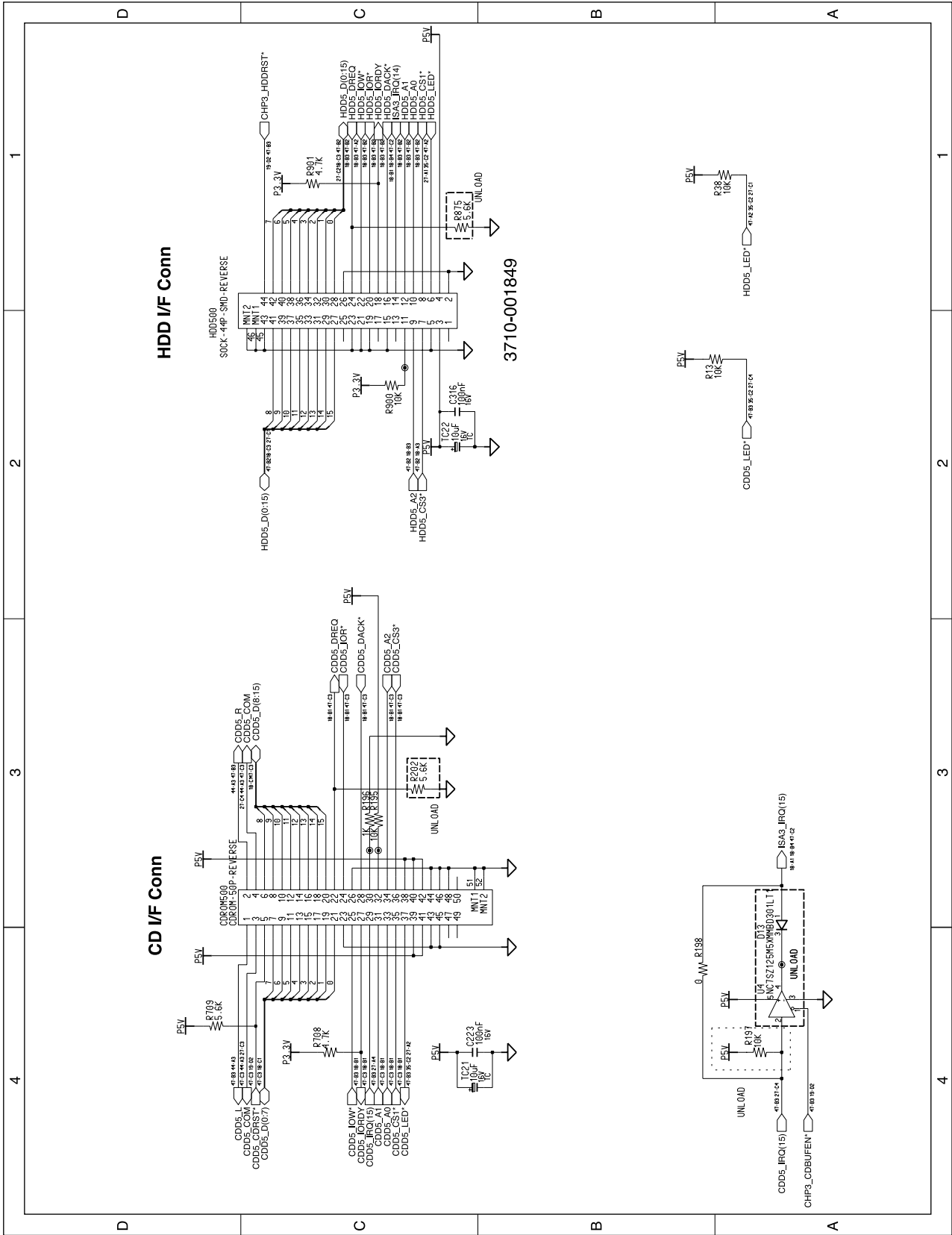
3-1-1(x) System Main Board Schematic Sheet 25 of 48



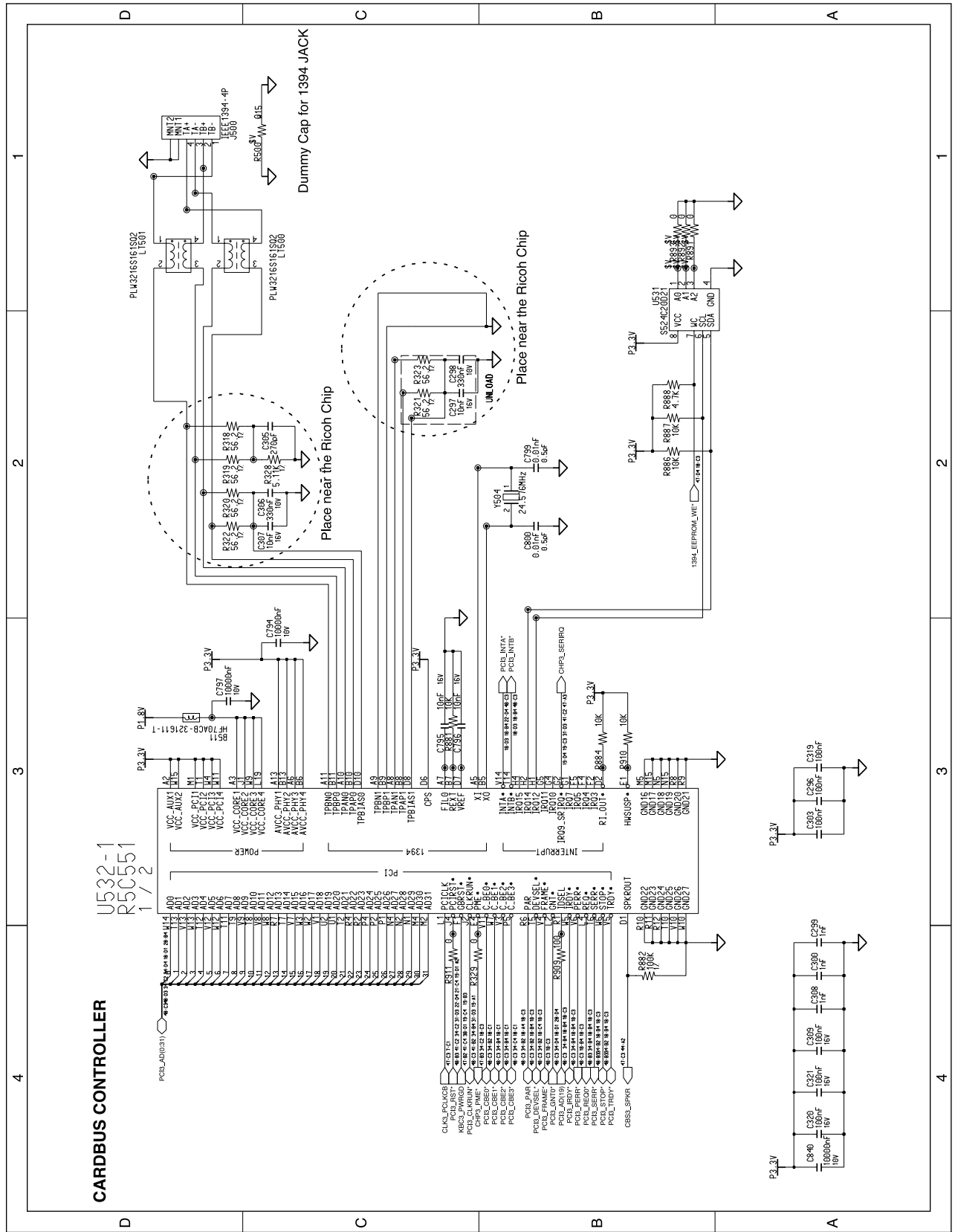
3-1-1(y) System Main Board Schematic Sheet 26 of 48(LCD&CRT INTERFACE)



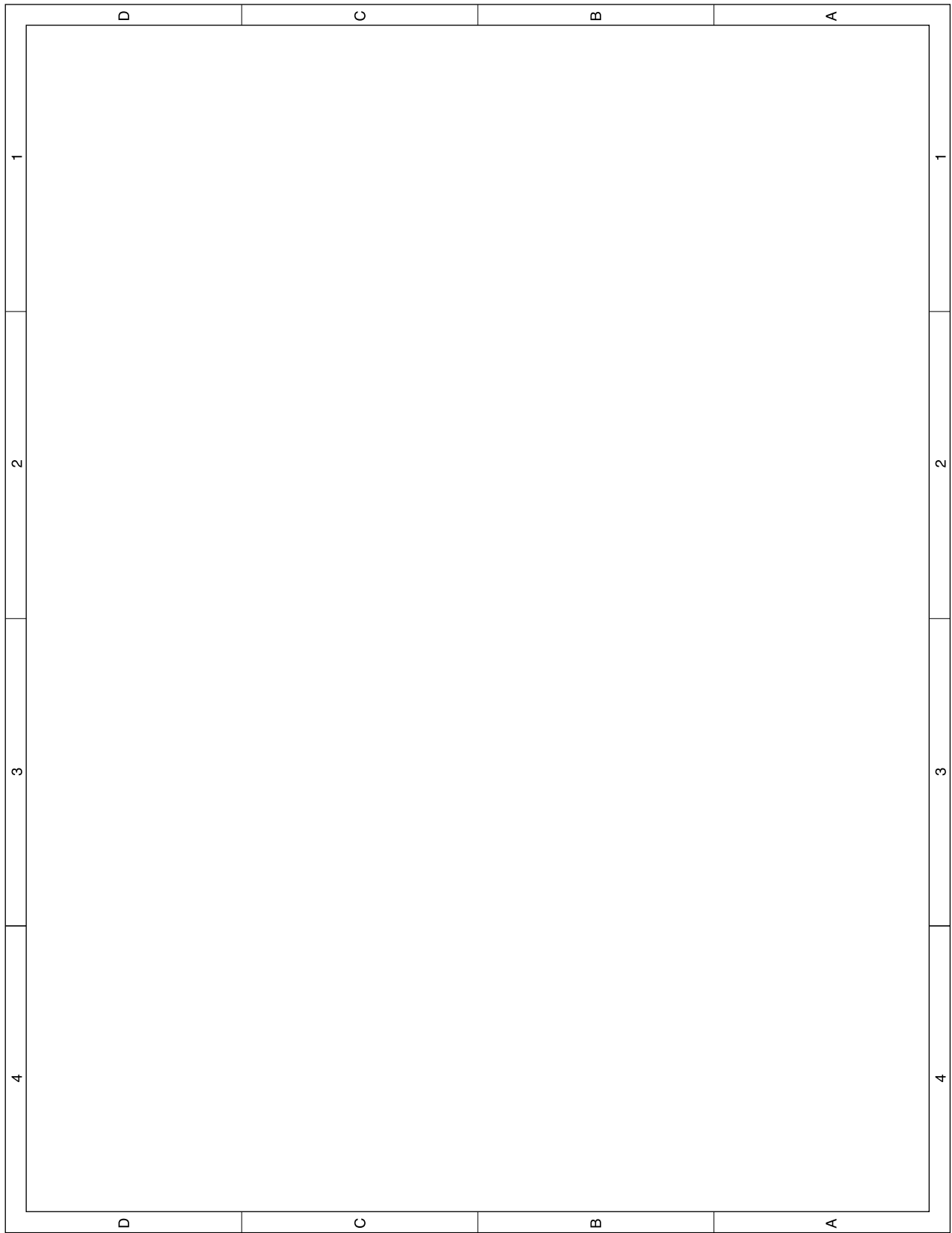
3-1-1(z) System Main Board Schematic Sheet 27 of 48(HDD & CD)



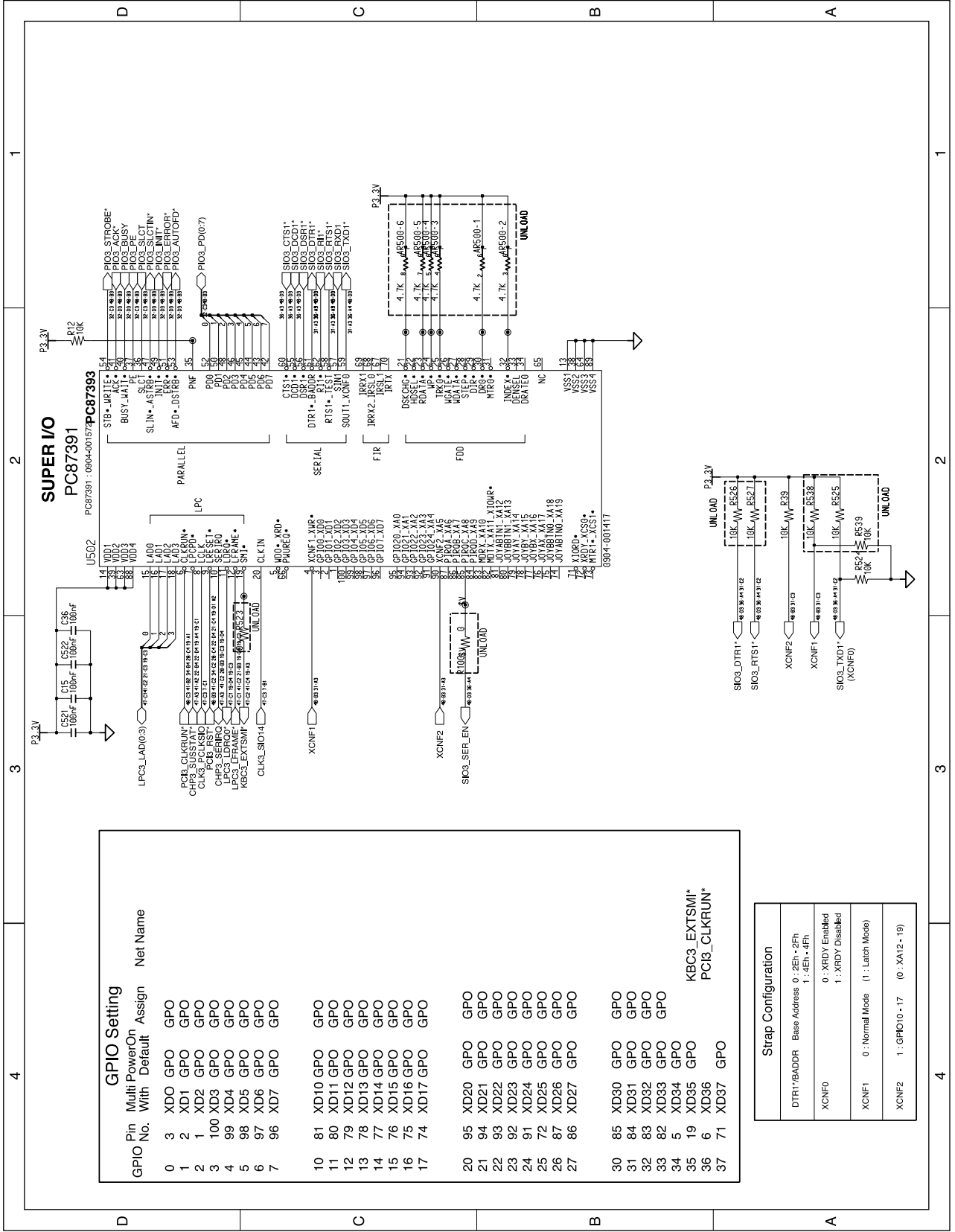
3-1-1(aa) System Main Board Schematic Sheet 28 of 48(CADBUS CONTROLLER)



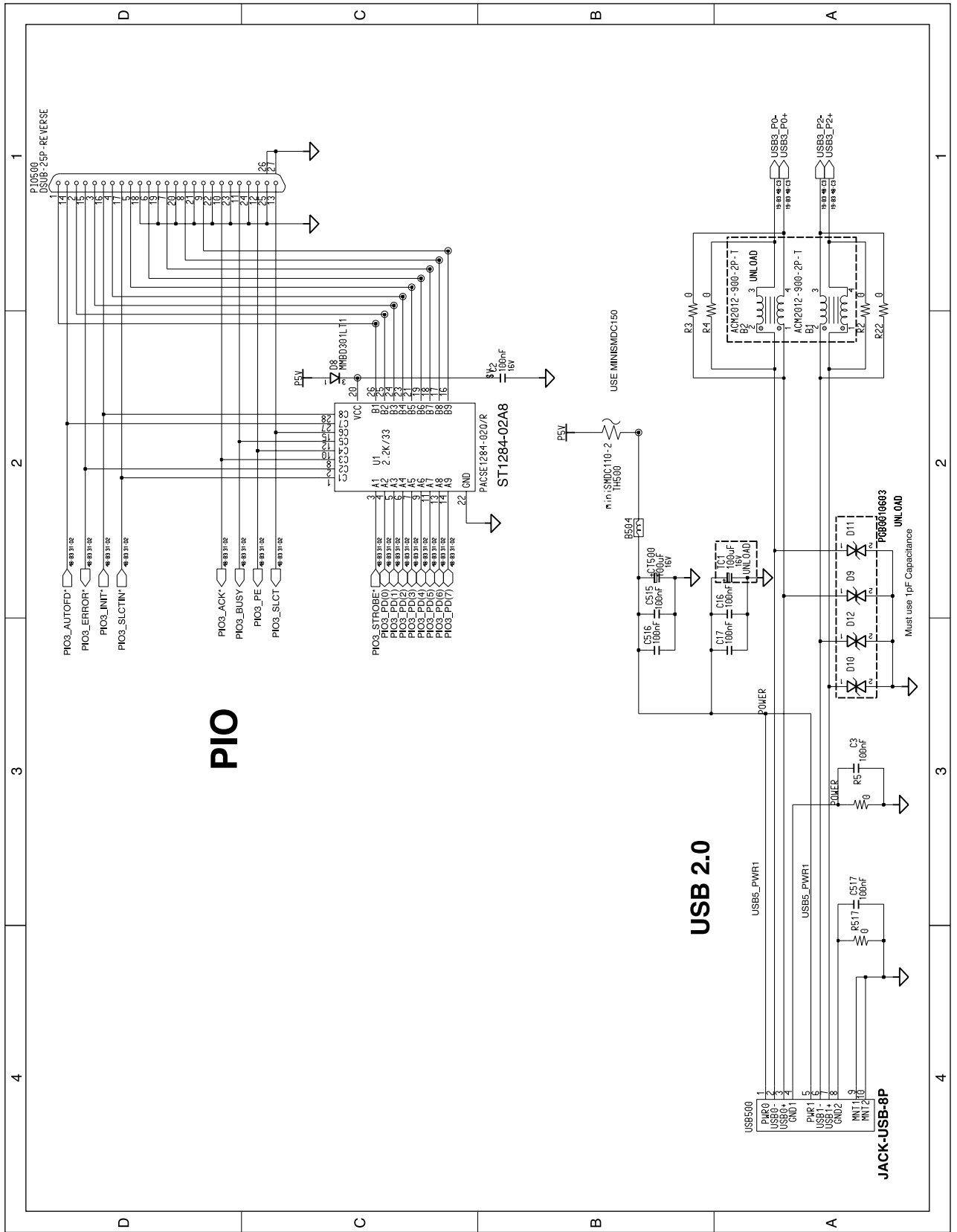
3-1-1(cc) System Main Board Schematic Sheet 30 of 48



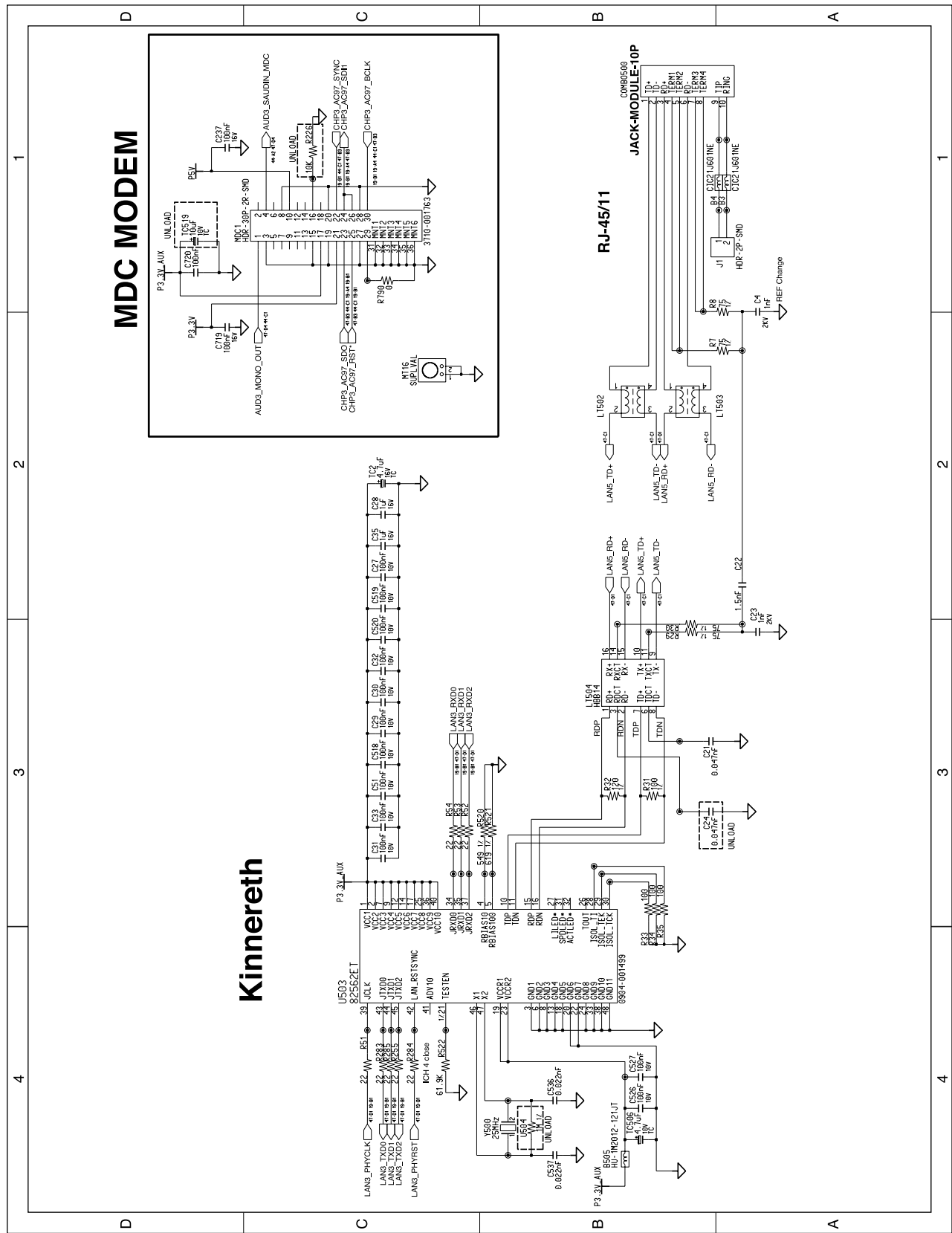
3-1-1(dd) System Main Board Schematic Sheet 31 of 48(SUPER I/O)



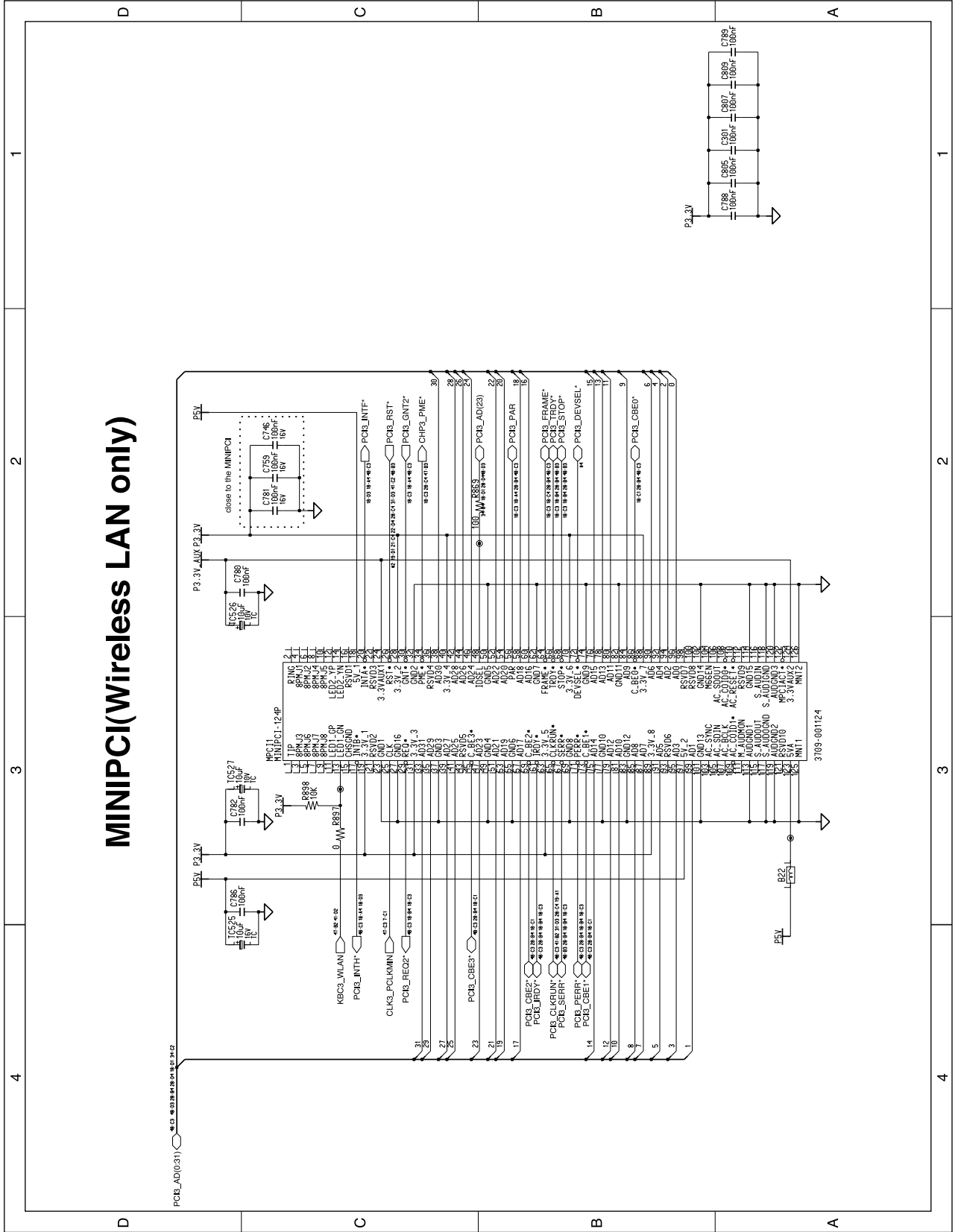
3-1-1(ee) System Main Board Schematic Sheet 32 of 48(PIO & USB)



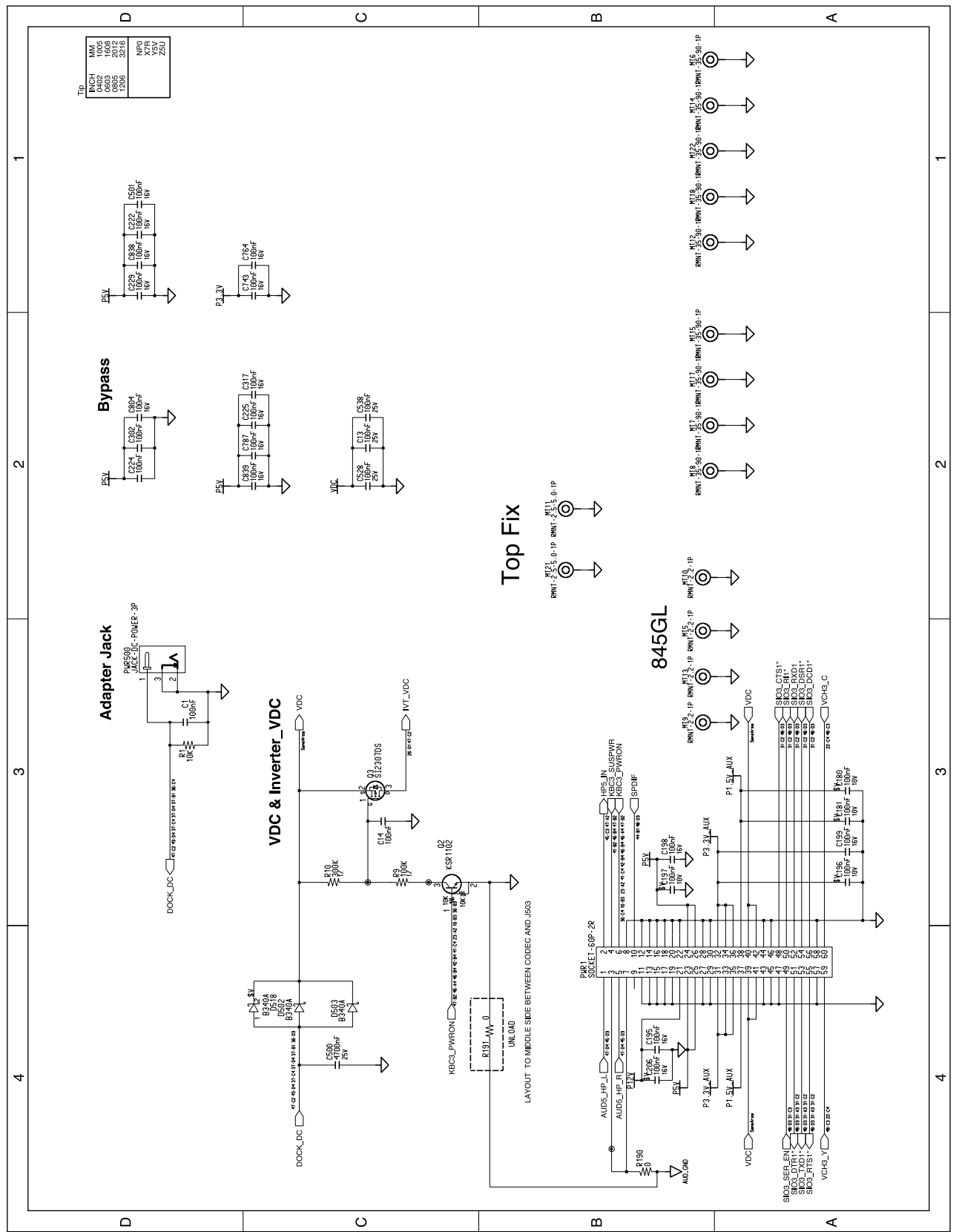
3-1-1(ff) System Main Board Schematic Sheet 33 of 48(KINNERETH & MDC MODEM)



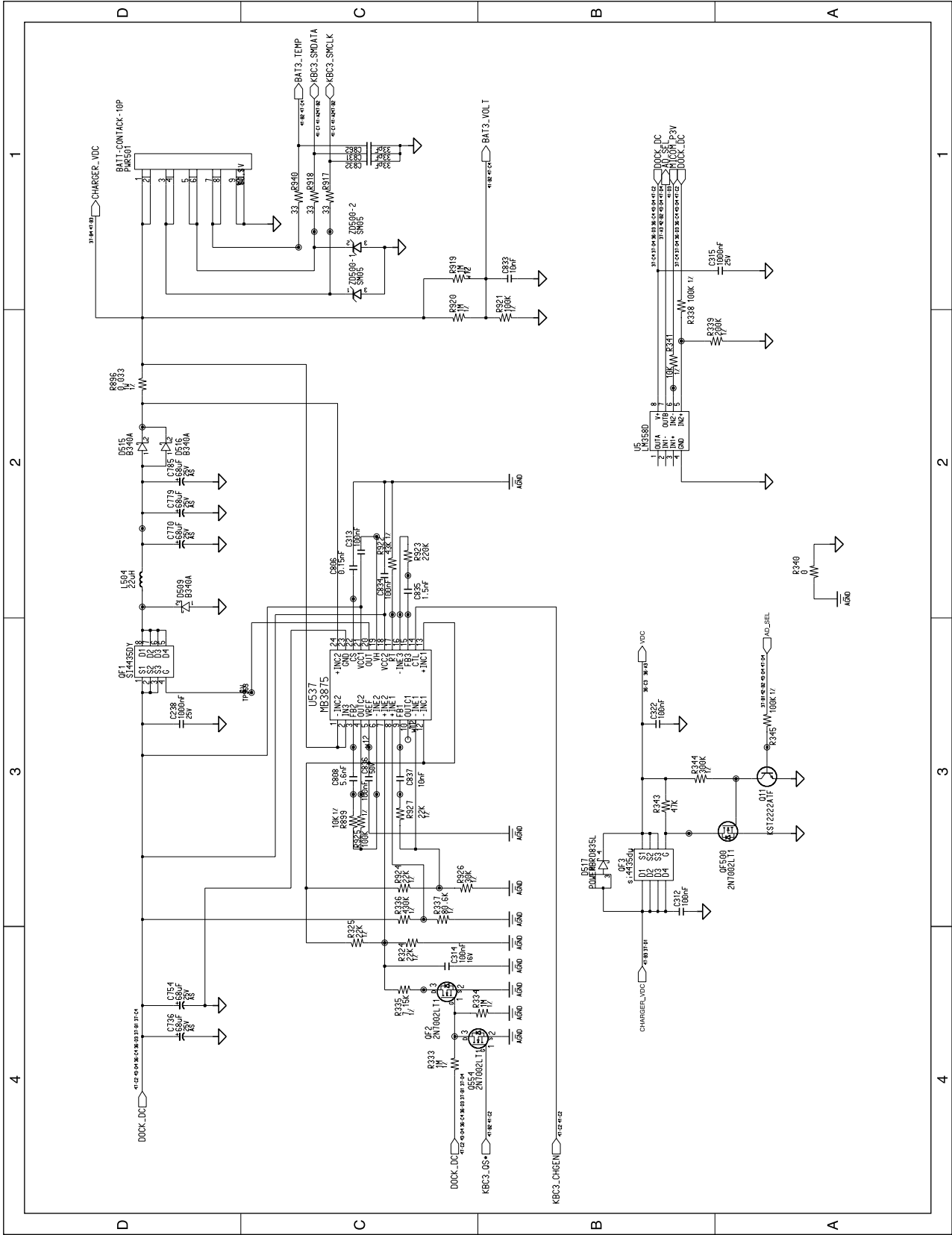
3-1-1(gg) System Main Board Schematic Sheet 34 of 48(MINIPCI)



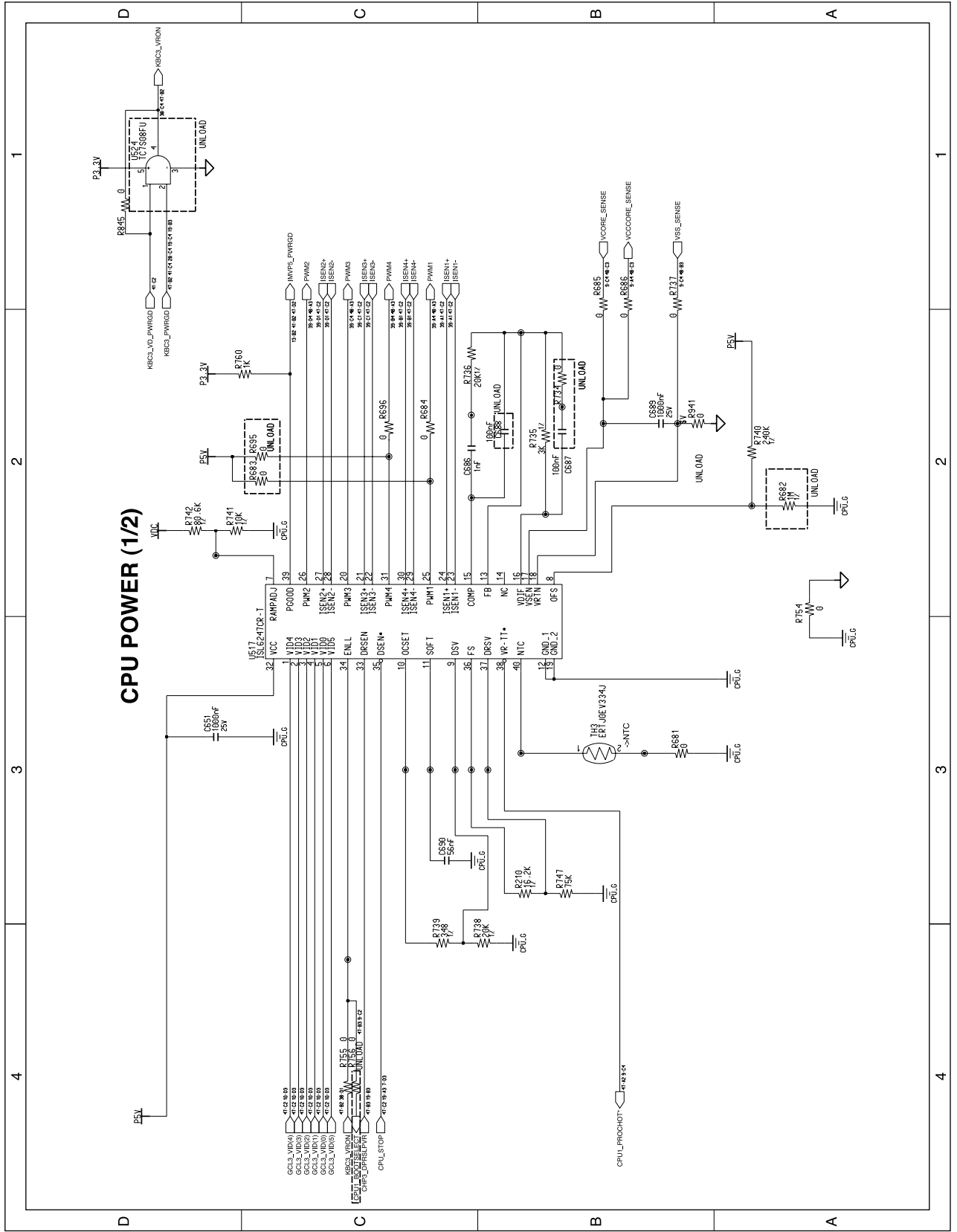
3-1-1(ii) System Main Board Schematic Sheet 36 of 48(DC IN & BYPASS & B'D TO B'D)



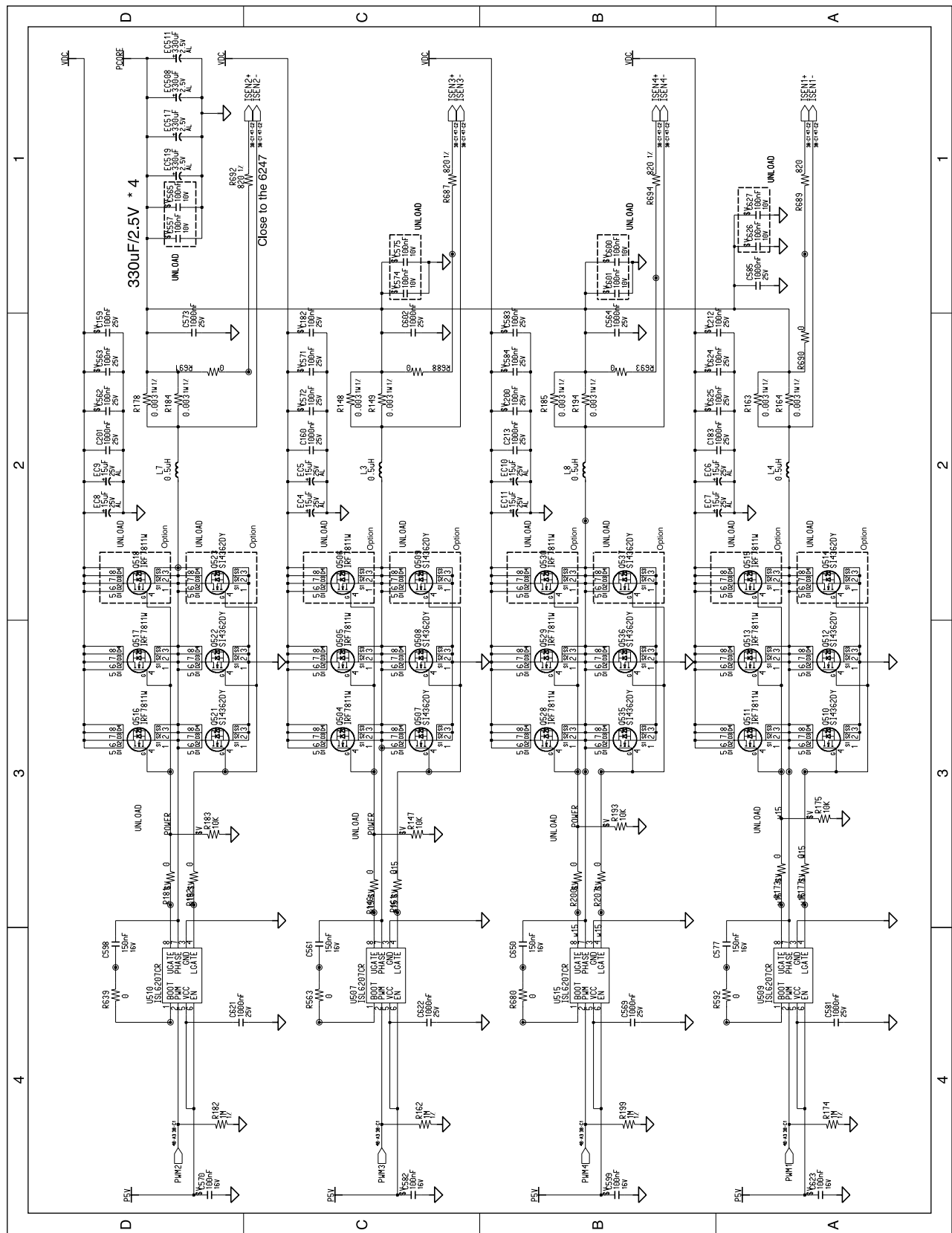
3-1-1(jj) System Main Board Schematic Sheet 37 of 48(CHARGER)



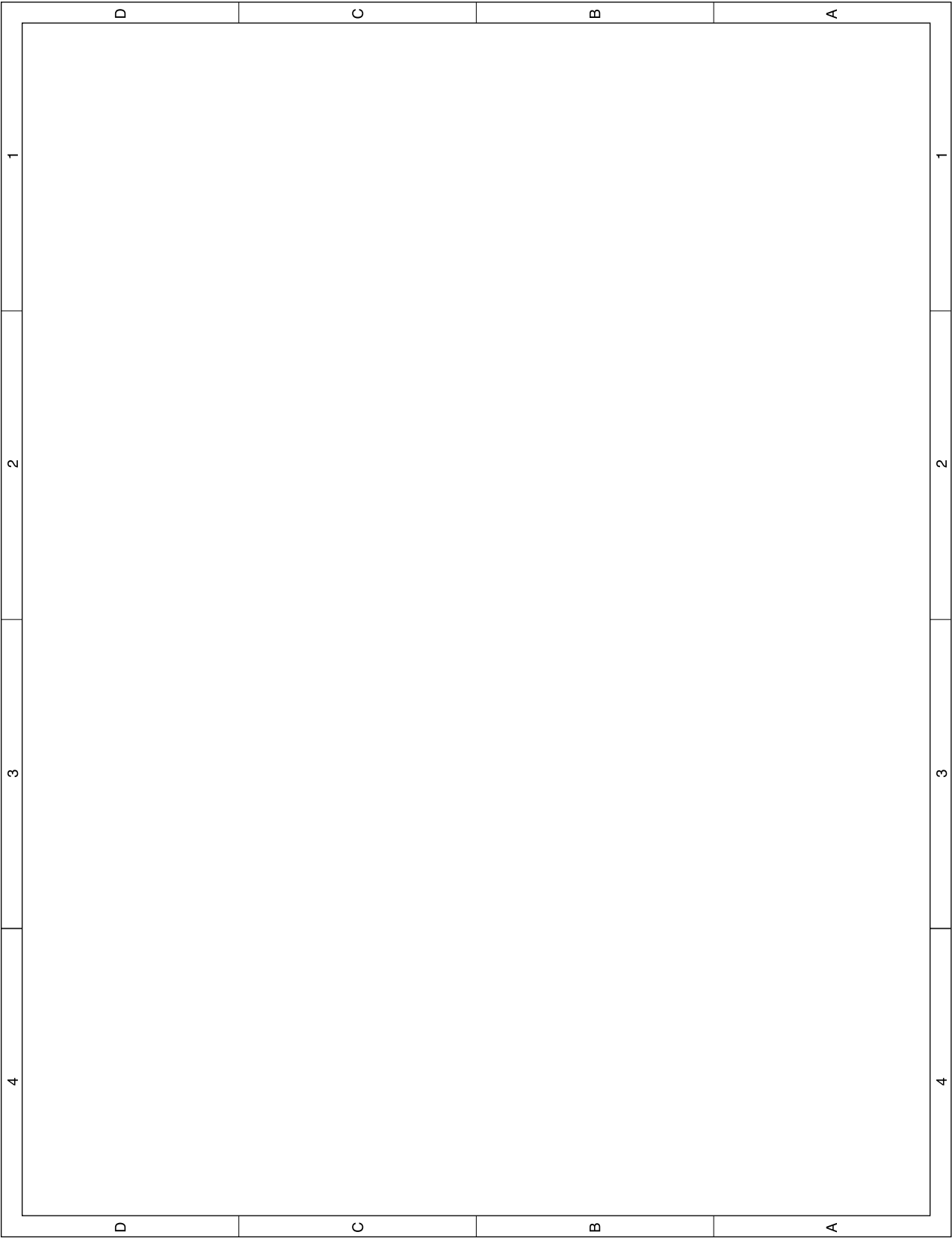
3-1-1(kk) System Main Board Schematic Sheet 38 of 48(CPU VRM)



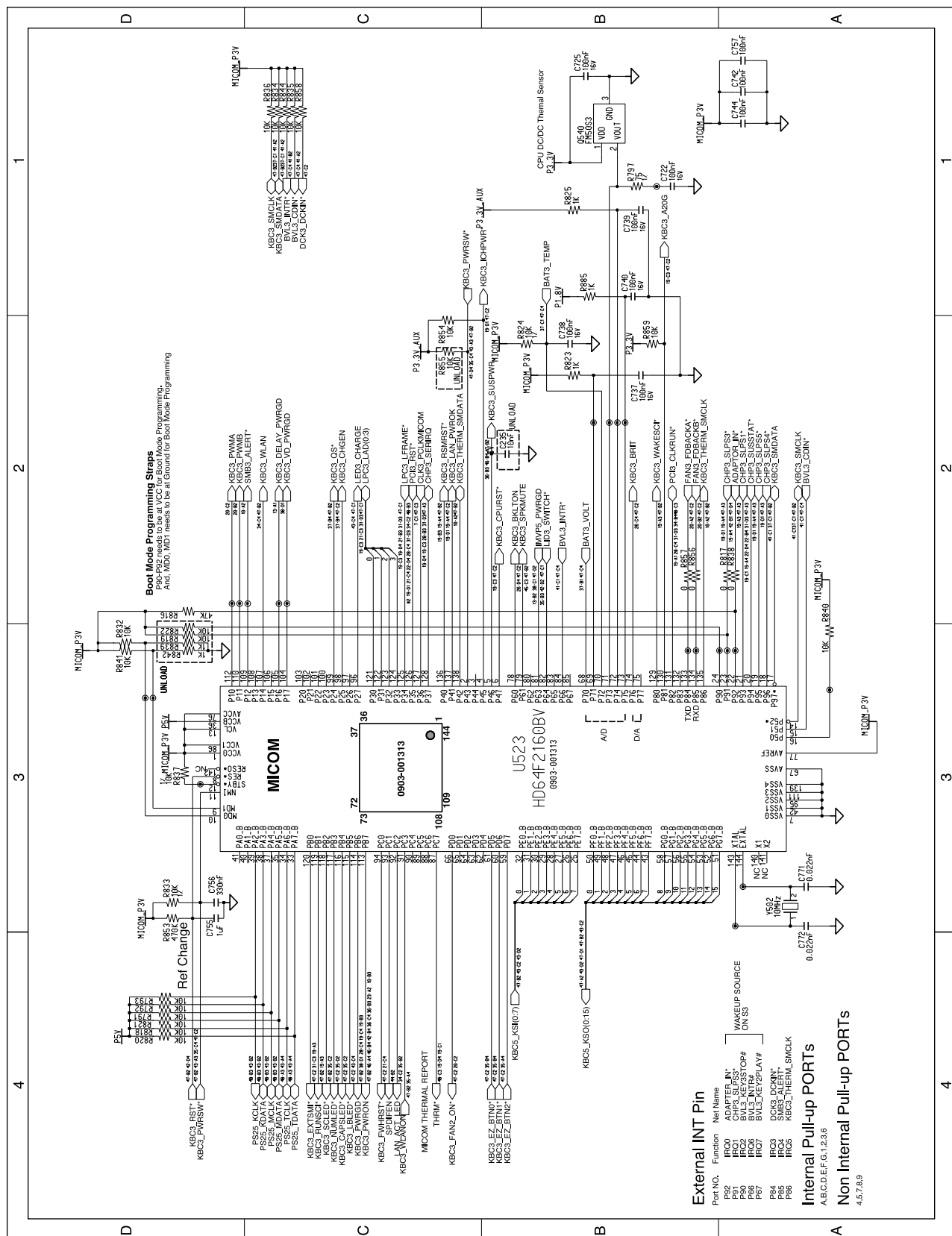
3-1-1(II) System Main Board Schematic Sheet 39 of 48(CPU VRM)



3-1-1(mm) System Main Board Schematic Sheet 40 of 48



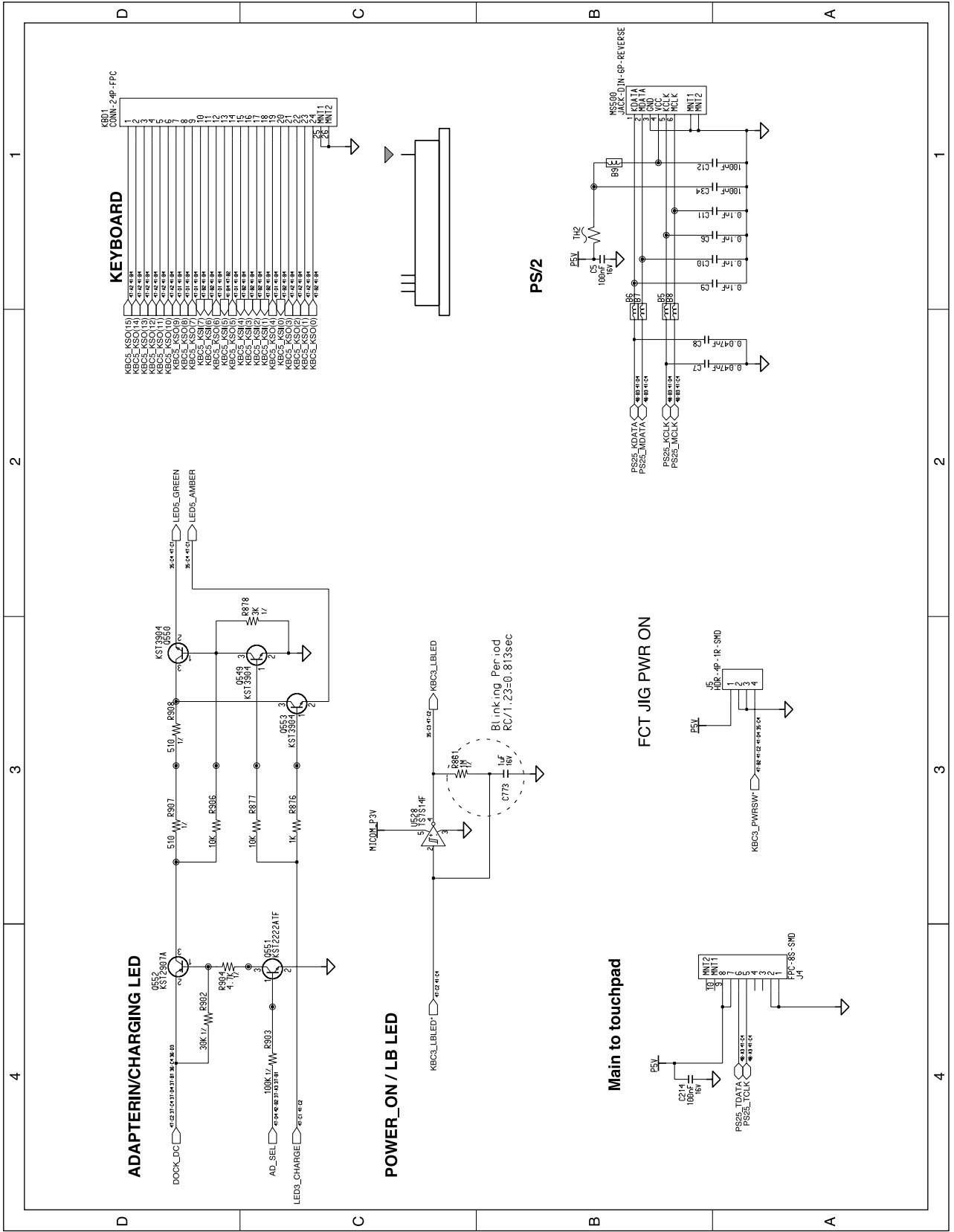
3-1-1(nn) System Main Board Schematic Sheet 41 of 48(MICOM)



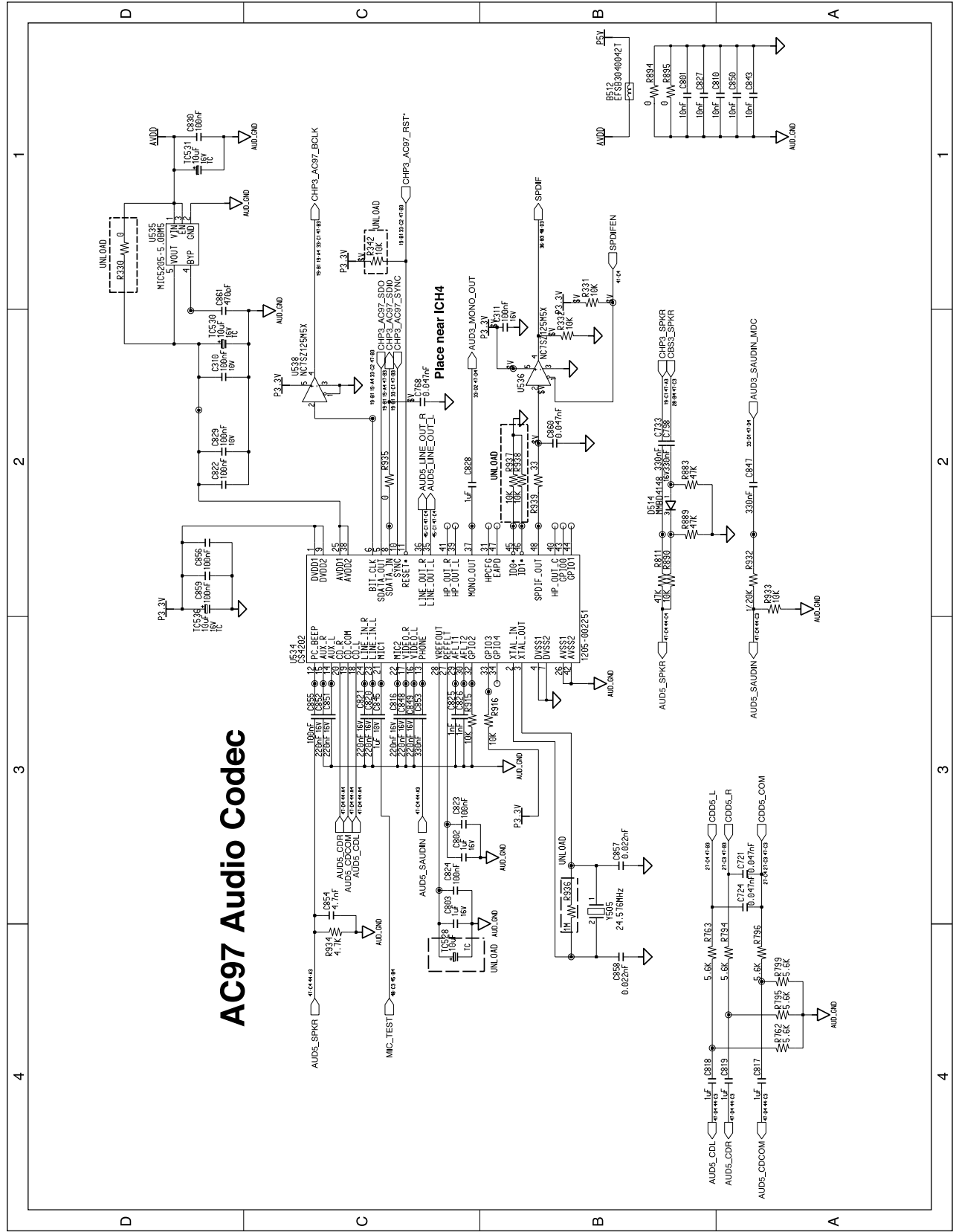
3-42



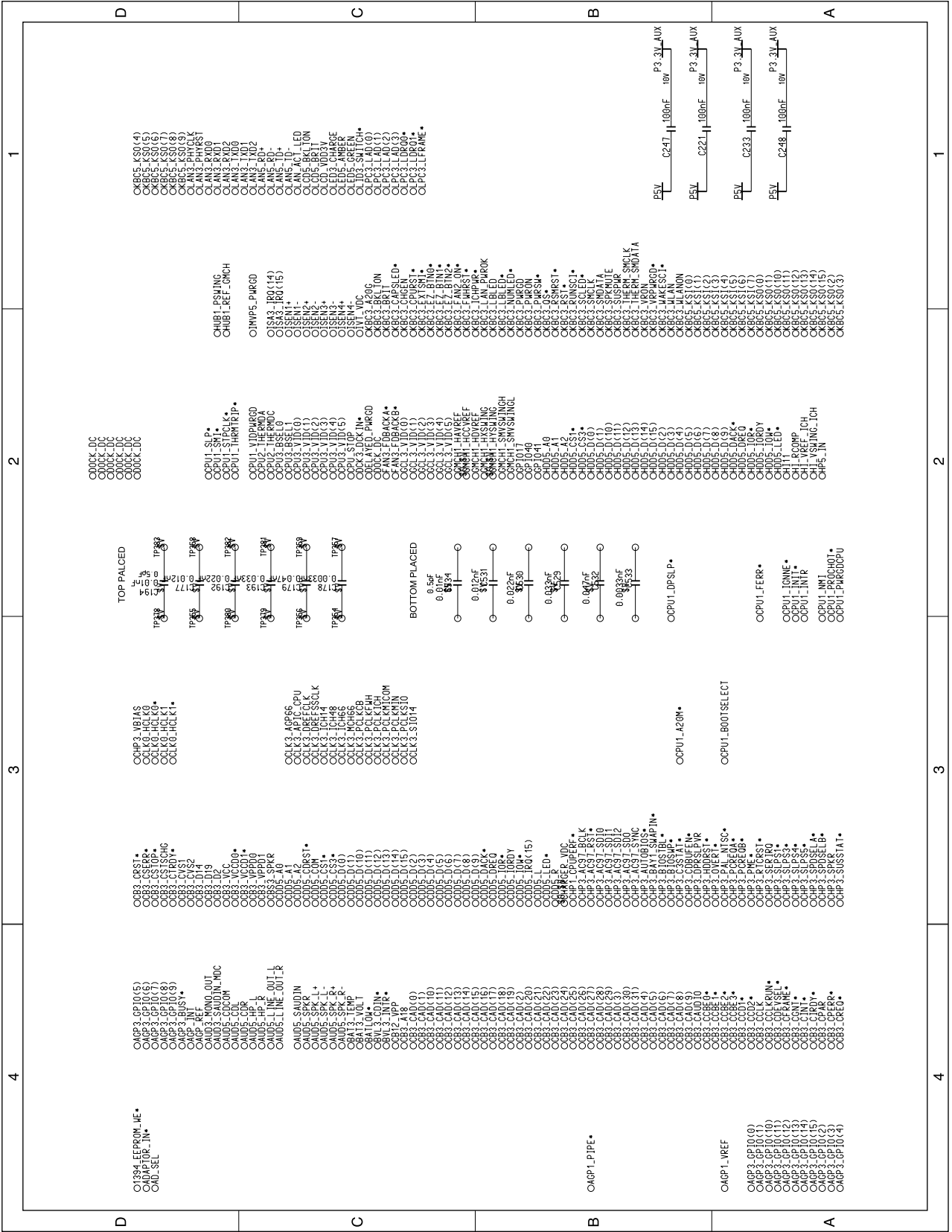
3-1-1(pp) System Main Board Schematic Sheet 43 of 48(POWER LED & KBD & PS2)



AC97 Audio Codec



3-1-1(tt) System Main Board Schematic Sheet 47 of 48(UNDEFINED)



3-1-2 Part List

CODE	LOCATION	CATEGORY	SPEC
0601-001666	LED7	LED	ROUND,YEL,GRN,3MM,585, 570NM,3.8X5MM
0601-001667	LED8	LED	ROUND,Y-GRN,3MM,570NM,3X5.3MM
3701-001274	PIO500	CONNECTOR-DSUB	25P,2R,FEMALE,ANGLE,AU30U
3701-001275	VGA500	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AU30U
3709-001236	PCMCIA1	CONNECTOR-CARD EDGE	68P,1.27MM,ANGLE,AU
3710-001847	PWR1	CONNECTOR-HEADER	NOWALL,60P,2R,1.27MM,ANGLE,AUF,-
3711-005226	PWR501	CONNECTOR-HEADER	1WALL,5P,1R,5MM,STRAIGHT,AU,BLK
3722-001641	USB500	JACK-USB	4P/2C A,-,AUF,BLK,-
3722-001732	J500	JACK-IEEE1394	4P/1C,-,AU30U,-,-
3722-001829	MS500	JACK-DIN	6P,-,SN,GRN,-
3722-002041	PWR500	JACK-DC POWER	2P,2.5 PI,AG,YELLOW
0404-000114	D14	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D15	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D8	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0501-000458	Q11	TR-SMALL SIGNAL	KST2222ATF,NPN,350mW,SOT-23,TP
0501-000465	Q10	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0504-000127	Q2	TR-DIGITAL	KSR1102,NPN,200mW,10K/10K,SOT-23,TP
0505-000110	Q1	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	QF2	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000275	QF1	FET-SILICON	SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,SO-8
0505-000275	QF3	FET-SILICON	SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,SO-8
0505-001049	Q5	FET-GAAS	BSS84,-50V,20V,-130mA,360mW,SOT-23,TP
0505-001049	Q6	FET-GAAS	BSS84,-50V,20V,-130mA,360mW,SOT-23,TP
0505-001049	Q7	FET-GAAS	BSS84,-50V,20V,-130mA,360mW,SOT-23,TP
0505-001049	Q8	FET-GAAS	BSS84,-50V,20V,-130mA,360mW,SOT-23,TP
0505-001341	Q3	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
0601-000189	LED1	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
0601-000189	LED2	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
0601-000189	LED3	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
0601-000189	LED4	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
0601-000189	LED5	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
0601-000189	LED6	LED	CHIP,P-GRN,3.2X1.6X1.1MM,557NM,3.2X1.6X1.1MM
1201-000167	U5	IC-OP AMP	358,SOP,8P,150MIL,DUAL,100V/mV
1203-002521	U3	IC-VOLTAGE REGULATOR	SI91822DH-12-T1,MSOP,8P,-,PLASTC,1.215V,-,-40TO+125C,300MA,-,TP
1404-001089	TH1	THERMISTOR-PTC	0.21ohm,-,-,6.0V,40A,2.2A,TP
1404-001089	TH2	THERMISTOR-PTC	0.21ohm,-,-,6.0V,40A,2.2A,TP
1404-001317	TH3	THERMISTOR-NTC	330Kohm,-,4700K,2mW/C,-,-,TP
2007-000029	R158	R-CHIP	0ohm,5%,1/8W,TP,2012

CODE	LOCATION	CATEGORY	SPEC
2007-000029	R159	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R160	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000033	R146	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R161	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R173	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R177	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R181	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R192	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R200	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R207	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R5	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000040	R126	R-CHIP	150ohm,1%,1/10W,TP,1608
2007-000042	R70	R-CHIP	499ohm,1%,1/10W,TP,1608
2007-000043	R217	R-CHIP	1Kohm,1%,1/10W,TP,1608
2007-000050	R335	R-CHIP	7.15Kohm,1%,1/10W,TP,1608
2007-000052	R1	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R341	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000060	R137	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R218	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R338	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R345	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R9	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000070	R190	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R340	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000096	R102	R-CHIP	30Kohm,5%,1/10W,TP,1608
2007-000096	R104	R-CHIP	30Kohm,5%,1/10W,TP,1608
2007-000113	R36	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R37	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R40	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R61	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000138	R33	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R34	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000138	R35	R-CHIP	100ohm,5%,1/16W,DA,TP,1005
2007-000139	R169	R-CHIP	220ohm,5%,1/16W,DA,TP,1005
2007-000140	R15	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R17	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R180	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R187	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R196	R-CHIP	1Kohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000140	R342	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R48	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R50	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R68	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R77	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000143	R139	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R141	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R18	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R206	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R219	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R225	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R265	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R298	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R302	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000147	R201	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R227	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	R266	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R267	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R270	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R271	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R273	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R275	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R276	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R277	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R278	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R294	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R303	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R304	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R305	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R307	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R308	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R309	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R310	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R311	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R312	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R313	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R314	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R315	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000147	R316	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R317	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000148	R12	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R13	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R131	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R132	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R133	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R135	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R152	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R154	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R156	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R179	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R186	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R188	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R189	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R195	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R197	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R203	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R211	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R212	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R213	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R214	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R221	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R222	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R223	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R224	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R238	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R239	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R243	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R246	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R247	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R248	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R249	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R250	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R252	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R256	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R257	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R258	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R260	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000148	R263	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R28	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R286	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R289	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R292	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R293	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R297	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R301	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R331	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R332	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R38	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R39	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R41	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R6	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R63	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R71	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000162	R67	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R95	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000162	R96	R-CHIP	100Kohm,5%,1/16W,DA,TP,1005
2007-000163	R145	R-CHIP	120Kohm,5%,1/16W,DA,TP,1005
2007-000171	R198	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R2	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R22	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R228	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R231	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R236	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R237	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R240	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R241	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R242	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R262	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R290	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R296	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R3	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R300	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R327	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R329	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R4	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R45	R-CHIP	0ohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000171	R47	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R75	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R83	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R84	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000173	R255	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R283	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R284	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R285	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R51	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R52	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R53	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000173	R54	R-CHIP	22ohm,5%,1/16W,DA,TP,1005
2007-000174	R144	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000174	R80	R-CHIP	47ohm,5%,1/16W,TP,1005
2007-000287	R31	R-CHIP	1000HM,1%,1/10W,DA,TP,1608
2007-000300	R147	R-CHIP	10Kohm,5%,1/8W,TP,2012
2007-000300	R175	R-CHIP	10Kohm,5%,1/8W,TP,2012
2007-000300	R183	R-CHIP	10Kohm,5%,1/8W,TP,2012
2007-000300	R193	R-CHIP	10Kohm,5%,1/8W,TP,2012
2007-000312	R204	R-CHIP	10ohm,5%,1/4W,TP,3216
2007-000312	R205	R-CHIP	10ohm,5%,1/4W,TP,3216
2007-000343	R32	R-CHIP	120ohm,1%,1/10W,TP,1608
2007-000475	R162	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R174	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R182	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R199	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R333	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R334	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000516	R287	R-CHIP	2.7Kohm,1%,1/10W,TP,1608
2007-000516	R288	R-CHIP	2.7Kohm,1%,1/10W,TP,1608
2007-000583	R324	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000583	R325	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000835	R172	R-CHIP	39ohm,1%,1/10W,TP,1608
2007-000939	R343	R-CHIP	47Kohm,1%,1/10W,TP,1608
2007-001119	R171	R-CHIP	680ohm,5%,1/16W,DA,TP,1005
2007-001167	R11	R-CHIP	75ohm,5%,1/10W,TP,1608
2007-001167	R14	R-CHIP	75ohm,5%,1/10W,TP,1608
2007-001292	R280	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R282	R-CHIP	33ohm,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-001292	R326	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001306	R166	R-CHIP	150ohm,5%,1/16W,DA,TP,1005
2007-001313	R120	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001313	R170	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-002906	R339	R-CHIP	200Kohm,1%,1/10W,TP,1608
2007-002970	R106	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R107	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R108	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R109	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R113	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R116	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R117	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R118	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R119	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R121	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R122	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R85	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-007107	R167	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007142	R208	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R209	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007306	R215	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R216	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R87	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R88	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007307	R44	R-CHIP	150ohm,1%,1/16W,DA,TP,1005
2007-007318	R142	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R143	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R78	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R79	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007416	R336	R-CHIP	430Kohm,1%,1/10W,TP,1608
2007-007519	R337	R-CHIP	80.6Kohm,1%,1/10W,TP,1608
2007-007528	R46	R-CHIP	1.5Kohm,1%,1/16W,DA,TP,1005
2007-007619	R127	R-CHIP	60.4ohm,1%,1/10W,TP,1608
2007-007619	R130	R-CHIP	60.4ohm,1%,1/10W,TP,1608
2007-007720	R10	R-CHIP	300Kohm,1%,1/10W,TP,1608
2007-007720	R344	R-CHIP	300Kohm,1%,1/10W,TP,1608
2007-007733	R105	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007733	R110	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007733	R111	R-CHIP	51ohm,1%,1/10W,TP,1608

CODE	LOCATION	CATEGORY	SPEC
2007-007733	R112	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007733	R114	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007733	R115	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007776	R90	R-CHIP	604ohm,1%,1/10W,TP,1608
2007-007839	R101	R-CHIP	53.6Kohm,1%,1/10W,TP,1608
2007-007839	R103	R-CHIP	53.6Kohm,1%,1/10W,TP,1608
2007-007841	R210	R-CHIP	16.2Kohm,1%,1/10W,TP,1608
2007-008015	R29	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R30	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R7	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R8	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008026	R229	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008026	R230	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008026	R235	R-CHIP	56ohm,1%,1/16W,DA,TP,1005
2007-008029	R148	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R149	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R163	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R164	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R178	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R184	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R185	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008029	R194	R-CHIP	0.003ohm,1%,1W,DA,TP,6432
2007-008298	R125	R-CHIP	49.90HM,1%,1/16W,DA,TP,1005
2007-008298	R89	R-CHIP	49.90HM,1%,1/16W,DA,TP,1005
2007-008299	R150	R-CHIP	61.90HM,1%,1/16W,DA,TP,1005
2007-008299	R151	R-CHIP	61.90HM,1%,1/16W,DA,TP,1005
2007-008300	R328	R-CHIP	5.11KOHM,1%,1/16W,DA,TP,1005
2007-008301	R318	R-CHIP	56.20HM,1%,1/16W,DA,TP,1005
2007-008301	R319	R-CHIP	56.20HM,1%,1/16W,DA,TP,1005
2007-008301	R320	R-CHIP	56.20HM,1%,1/16W,DA,TP,1005
2007-008301	R322	R-CHIP	56.20HM,1%,1/16W,DA,TP,1005
2007-008302	R232	R-CHIP	80.60HM,1%,1/16W,DA,TP,1005
2007-008302	R98	R-CHIP	80.60HM,1%,1/16W,DA,TP,1005
2007-008303	R168	R-CHIP	27.40HM,1%,1/16W,DA,TP,1005
2007-008303	R42	R-CHIP	27.40HM,1%,1/16W,DA,TP,1005
2007-008313	R43	R-CHIP	3010HM,1%,1/16W,DA,TP,1005
2007-008330	R244	R-CHIP	22.60HM,1%,1/16W,DA,TP,1005
2007-008437	R82	R-CHIP	1210HM,1%,1/16W,TP,1005
2007-008437	R99	R-CHIP	1210HM,1%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-008535	R62	R-CHIP	1270HM,1%,1/16W,TP,1005
2007-008578	R97	R-CHIP	48.70HM,1%,1/16W,TP,1005
2007-008658	R165	R-CHIP	86.60HM,1%,1/16W,TP,1005
2007-008707	R129	R-CHIP	51.1ohm,1%,1/16W,TP,1005
2007-008707	R176	R-CHIP	51.1ohm,1%,1/16W,TP,1005
2007-008707	R233	R-CHIP	51.1ohm,1%,1/16W,TP,1005
2007-008708	R128	R-CHIP	40.2ohm,1%,1/16W,TP,1005
2007-008708	R234	R-CHIP	40.2ohm,1%,1/16W,TP,1005
2011-001295	U1	RC-NETWORK	2.2K/330HM,10%,220PF,17,5V,28P
2203-000142	C22	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,2012
2203-000189	C13	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C159	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C182	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C200	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C212	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000206	C1	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C312	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C313	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C322	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000233	C10	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000233	C11	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000233	C6	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000233	C9	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1005
2203-000254	C295	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C307	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C41	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C45	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000257	C234	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000257	C236	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608
2203-000278	C194	C-CER,CHIP	0.01NF,0.5PF,50V,COG,TP,1005
2203-000278	C291	C-CER,CHIP	0.01NF,0.5PF,50V,COG,TP,1005
2203-000330	C177	C-CER,CHIP	0.012NF,5%,50V,COG,TP,1005
2203-000438	C122	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C240	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C244	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C246	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C251	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C252	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C253	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-

CODE	LOCATION	CATEGORY	SPEC
2203-000438	C258	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C259	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C260	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C263	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C265	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C266	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C267	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C271	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C272	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C274	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C276	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C279	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C280	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C281	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C286	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C288	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C290	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C292	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C299	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C300	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C308	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C79	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000440	C203	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000476	C28	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C35	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000585	C175	C-CER,CHIP	220pF,10%,50V,X7R,TP,1005,-
2203-000626	C192	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608
2203-000626	C25	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608
2203-000626	C26	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608
2203-000654	C305	C-CER,CHIP	270pF,10%,50V,X7R,TP,1005,-
2203-000815	C193	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608
2203-000888	C205	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608
2203-000995	C179	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C21	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C7	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C8	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-001408	C304	C-CER,CHIP	0.27nF,5%,50V,NP0,TP,1608
2203-001408	C318	C-CER,CHIP	0.27nF,5%,50V,NP0,TP,1608
2203-002720	C100	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-

CODE	LOCATION	CATEGORY	SPEC
2203-002720	C102	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C109	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C135	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C138	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C157	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C43	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C56	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C58	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C61	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-002720	C62	C-CER,CHIP	10nF,10%,25V,X7R,TP,1005,-
2203-005052	C178	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005061	C101	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C103	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	C110	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C111	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C123	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	C125	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C127	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C128	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C129	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C130	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C131	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	C133	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C139	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	C143	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	C146	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C147	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C148	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	C15	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C150	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	C154	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	C156	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C158	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C16	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	C17	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C170	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	C18	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C19	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	C198	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C199	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C2	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C20	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C206	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C207	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C208	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	C210	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	C216	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C217	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C218	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C219	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C220	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C222	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	C230	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C231	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	C237	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	C249	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C250	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C254	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
2203-005061	C261	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C262	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C264	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	C270	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	C275	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C277	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C278	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C282	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C283	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C284	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C285	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	C289	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	C296	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C3	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C301	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C302	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	C309	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C311	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C316	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C317	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C319	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C320	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C321	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C36	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	C44	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	C55	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C59	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C60	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	C64	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	C90	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C91	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C92	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C93	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C94	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C95	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C96	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C97	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C98	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C99	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005148	C126	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C14	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C314	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C40	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C46	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C5	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C52	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C57	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C83	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608

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2203-005148	C88	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C89	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005198	C174	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005261	C160	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C183	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C201	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C213	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C238	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C315	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005482	C114	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C12	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C134	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C136	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C137	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C180	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C181	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C196	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C197	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C221	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C233	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C241	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C243	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C245	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C247	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C248	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C27	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C29	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C30	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C31	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C310	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C32	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C33	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C34	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C37	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C38	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C39	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C51	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C54	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C66	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-

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2203-005482	C69	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C84	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C85	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005509	C306	C-CER,CHIP	330nF,+80-20%,10V,Y5V,TP,1005
2203-005571	C112	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005571	C113	C-CER,CHIP	10000NF,+80-20%,6.3V,Y5V,TP,2012
2203-005619	C202	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C204	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-006039	C23	C-CER,CHIP	1NF,10%,2KV,X7R,TP,3216
2203-006039	C4	C-CER,CHIP	1NF,10%,2KV,X7R,TP,3216
2203-006143	C115	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C116	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C117	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C118	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C119	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C120	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C121	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2402-001125	EC10	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC11	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC2	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC3	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC4	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC5	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC6	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC7	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC8	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001125	EC9	C-POLYMER AL CHIP	15UF,20%,25V,-,TP,7.3X4.3X1.9MM
2402-001170	EC1	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2404-000151	TC13	C-TA,CHIP	1uF,20%,16V,-,TP,3216,-
2404-000151	TC14	C-TA,CHIP	1uF,20%,16V,-,TP,3216,-
2404-000151	TC16	C-TA,CHIP	1uF,20%,16V,-,TP,3216,-
2404-000229	TC2	C-TA,CHIP	4.7uF,10%,16V,-,TP,3528,1.4mm
2404-000284	TC11	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC18	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC21	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC22	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC4	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC5	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC8	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-

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2404-000284	TC9	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000299	TC12	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	TC17	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	TC20	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-001020	TC15	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001075	TC19	C-TA,CHIP	100uF,20%,16V,WT,TP,7343
2404-001075	TC6	C-TA,CHIP	100uF,20%,16V,WT,TP,7343
2404-001232	TC10	C-TA,CHIP	33uF,20%,6.3V,LZ,TP,3216
2404-001232	TC7	C-TA,CHIP	33uF,20%,6.3V,LZ,TP,3216
2703-001787	L1	INDUCTOR-SMD	10uH,10%,3225
2703-001787	L2	INDUCTOR-SMD	10uH,10%,3225
2703-002249	L3	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002249	L4	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002249	L7	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002249	L8	INDUCTOR-SMD	0.5uH,15%,13.0x13.0mm
2703-002354	L9	INDUCTOR-SMD	2.0uH,20%,5050
2703-002355	L5	INDUCTOR-SMD	4.7uH,20%,6360
2703-002355	L6	INDUCTOR-SMD	4.7uH,20%,6360
2703-002539	L10	INDUCTOR-SMD	6.8uH,20%,6965
2801-003840	Y1	CRYSTAL-SMD	27MHz,50ppm,28-ACC,16pF,50ohm,TP
3301-000314	B5	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B6	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B7	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000314	B8	BEAD-SMD	120ohm,1.6x0.8x0.8mm,150mA,TP,FERRITE,0.2ohm
3301-000322	B9	BEAD-SMD	-,31,-,500,TP,-,0
3301-000326	B22	BEAD-SMD	600HM,3.2X2.5X1.3MM,400MA,-25TO+85C,FERRITE,30KOHM
3301-001148	B10	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B11	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B12	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B13	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B14	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B15	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B16	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B17	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B18	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B19	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B20	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001148	B21	BEAD-SMD	60ohm,1.6x0.8x0.8mm,500mA,TP,-,0.1ohm
3301-001569	B3	BEAD-SMD	AB,6000HM,2.0X1.25X0.9MM,1000MA,TP,NI-CU-ZN,0.1OHM

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3301-001569	B4	BEAD-SMD	AB,6000HM,2.0X1.25X0.9MM,1000MA,TP,NI-CU-ZN,0.1OHM
3404-001222	SW1	SWITCH-TACT	12VDC,50MA,160GF,6X6X5.0MM,SPST
3404-001222	SW2	SWITCH-TACT	12VDC,50MA,160GF,6X6X5.0MM,SPST
3404-001222	SW3	SWITCH-TACT	12VDC,50MA,160GF,6X6X5.0MM,SPST
3404-001222	SW4	SWITCH-TACT	12VDC,50MA,160GF,6X6X5.0MM,SPST
3404-001222	SW5	SWITCH-TACT	12VDC,50MA,160GF,6X6X5.0MM,SPST
3704-001176	SODIMM2	SOCKET-IC	200P,DIMM,AUF,-
3704-001177	SODIMM1	SOCKET-IC	200P,DIMM,AUF,-
3708-000458	J2	CONNECTOR-FPC/FFC/PIC	2P,1.25mm,SMD-S,SN
3708-001733	J4	CONNECTOR-FPC/FFC/PIC	8P,0.5MM,SMD-A,SN
3708-001801	KBD1	CONNECTOR-FPC/FFC/PIC	24P,1MM,SMD-A,-
3709-001124	MPC11	CONNECTOR-CARD EDGE	124P,0.8MM,SMD-A,AUF
3710-001763	MDC1	CONNECTOR-SOCKET	30P,2R,0.8MM,SMD-S,AU
3711-000456	J5	CONNECTOR-HEADER	BOX,4P,1R,1.25MM,SMD-S,SN,NTR
3711-000541	J1	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000541	J3	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000541	J7	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000541	J8	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-000541	J9	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-004865	J6	CONNECTOR-HEADER	NOWALL,68P,2R,1.27MM,SMD-A,AUF,NTR
3711-004905	LCD1	CONNECTOR-HEADER	BOX,30P,2R,0.8MM,SMD-S,SN,-
BA70-00586A	EMI1	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
BA70-00586A	EMI2	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
BA70-00586A	EMI3	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
BA70-00586A	EMI4	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
BA70-00586A	EMI5	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
BA70-00586A	EMI6	CONTACT PLATE-EMI	DRACO,VE+CU,T.15,W2.0,L2.0,-,EMI
3711-000541	J8000	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
0401-000191	D501	DIODE-SWITCHING	MMBD4148,75V,200MA,SOT-23,TP
0401-000191	D514	DIODE-SWITCHING	MMBD4148,75V,200MA,SOT-23,TP
0402-001173	D517	DIODE-RECTIFIER	MBRD835L,35V,8A,DPAK,TP
0402-001405	D502	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D503	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D504	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D505	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D509	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D515	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0402-001405	D516	DIODE-RECTIFIER	B340A,40,3A,SMA,TP
0404-000002	D513	DIODE-SCHOTTKY	CMPSH-3,30V,100mA,SOT-23,TP

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0404-000114	D500	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D507	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D508	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000114	D510	DIODE-SCHOTTKY	MMBD301LT1,30V,-,SOT-23,TP
0404-000157	D506	DIODE-SCHOTTKY	CMP5H-3A,30V,100mA,SOT-23,TP
0406-001005	ZD500	DIODE-TVS	SM05,6V/1mA,300,SOT-23
0501-000458	Q551	TR-SMALL SIGNAL	KST2222ATF,NPN,350mW,SOT-23,TP
0501-000463	Q552	TR-SMALL SIGNAL	KST2907A,PNP,350mW,SOT-23,TP,1
0501-000465	Q531	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000465	Q538	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000465	Q539	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300
0501-000466	Q549	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0501-000466	Q550	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0501-000466	Q553	TR-SMALL SIGNAL	KST3904,NPN,350mW,SOT-23,TP,10
0504-000127	Q524	TR-DIGITAL	KSR1102,NPN,200mW,10K/10K,SOT-23,TP
0504-000127	Q526	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	Q501	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q525	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q527	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q534	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q542	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q548	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	Q554	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-000110	QF500	FET-SILICON	2N7002,N,60V,115mA,7.5ohm,0.3W,SOT-23
0505-001165	Q519	FET-SILICON	SI3443DV,P,-20V,+3.5mA,65mohm
0505-001165	Q520	FET-SILICON	SI3443DV,P,-20V,+3.5mA,65mohm
0505-001507	Q533	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001507	Q546	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001507	U508	FET-SILICON	SI4465DY,P,-8V,+14A,0.009ohm,2.5W,SO-8
0505-001516	Q500	FET-SILICON	SI2315DS,P,-12V,+3.5A,0.118 ohm,1.25W,SOT-23
0505-001562	Q541	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001562	Q544	FET-SILICON	-,N,30V,5.3/7.7A,30/18.5MOHM,1W,SO-8
0505-001647	Q504	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q505	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q511	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q513	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q516	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q517	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8

CODE	LOCATION	CATEGORY	SPEC
0505-001647	Q528	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001647	Q529	FET-SILICON	IRF7811W,N,30V,14A,9MOHM,3.1W,SO-8
0505-001708	Q507	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q508	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q510	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q512	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q521	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q522	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q535	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001708	Q536	FET-SILICON	SI4362DY,N-CHANNEL,30V,20A,0.0035OHM,1.6W,SO-8
0505-001760	Q502	FET-SILICON	SI3456DV,N,+30V,+5.1A,0.045,2W,TSOP
0505-001760	Q503	FET-SILICON	SI3456DV,N,+30V,+5.1A,0.045,2W,TSOP
0801-000794	U501	IC-CMOS LOGIC	7S08,AND GATE,SOT-25,5,63MIL,SINGLE,TP,2.0/6.0V
0801-000794	U529	IC-CMOS LOGIC	7S08,AND GATE,SOT-25,5,63MIL,SINGLE,TP,2.0/6.0V
0801-002252	U528	IC-CMOS LOGIC	7S14,INVERTER,SOT-25,5P,63MIL,
0801-002447	U500	IC-CMOS LOGIC	3384,10BIT BUS SWITCH,TSSOP,24P,173MIL,-,TP,PLASTIC, -,-,0TO+85C,-,0.8V,3UA,1UA
0801-002462	U536	IC-CMOS LOGIC	7SZ125,GATE BUFFER,SOT-23,5P,63MIL,SINGLE,TP,PLASTIC, 3-STATE,-,5V,-40TO+85C,-,5V
0801-002462	U538	IC-CMOS LOGIC	7SZ125,GATE BUFFER,SOT-23,5P,63MIL,SINGLE,TP,PLASTIC, 3-STATE,-,5V,-40TO+85C,-,5V
0904-001499	U503	IC-PHERIPHERAL CONT.	82562,3Bit,SSOP,48P,292MIL,50MHz,TR,CMOS,PLASTIC,3.3V, 300mW,0to+100C,-,-,3Bit,-,
0904-001572	U502	IC-I/O CONTROLLER	PC87391,8BIT,TQFP,100P,551MIL,48MHZ,TR,CMOS,PLASTIC, 3.3V,1W,0TO+70C,-,-,-,SUPE
0904-001577	U532	IC-BUS CONTROLLER	R5C551,32BIT,CSP,208P,630MIL,33MHZ,TR,CMOS,PLASTIC, 3.3V,1W,-40TO+85C,-,-,32BIT,-
0904-001670	U505	IC-GRAPHIC CONT.	216Q7CCBGA13,32BIT,BGA,696P,31X31MM,265MHZ,TR, CMOS,PLASTIC,3.3V,-,-,32MB,-,32BIT
0904-001719	U527	IC-I/O CONTROLLER	82801DBM,32BIT,MBGA,421P,1220MIL,33,TR,CMOS, PLASTIC,3.3V,2W,0TO+110C,-,-,32BIT,-
0904-001818	NB500	IC-MEMORY CONT.	852PM,64Bit,Micro-FCPGA,732P,37.5x37.5mm,66,TR, -,-,1.5V,5W,0to+100C,-,-,32Bit,-,
1103-001239	U531	IC-EEPROM	S524C20D21,16KBIT,TSSOP,8P,173MIL,-,5V,10%,PLASTIC, -25TO+70C,1MA,CMOS,TP
1103-001244	U530	IC-EEPROM	93LC46B,64X16BIT,SOIC,8P,150MIL,-,5V,-,PLASTIC, 0TO+70C,1UA,CMOS,TP
1201-000166	U506	IC-OP AMP	358,SOP,8P,150MIL,DUAL,100V/mV
1201-001125	U520	IC-OP AMP	75S01,SOP,5P,63MIL,SINGLE,100d

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1201-001559	U533	IC-AUDIO AMP	4863,TSSOP,20P,173MIL,DUAL,98dB,PLASTIC,5.5V, 2.45W,-40to+85C,-,-,-,-
1203-000473	U522	IC-POSI.ADJUST REG.	2951,SOP,8P,-,PLASTIC,4.95/5.0
1203-001301	U535	IC-POSI.FIXED REG.	5205,SOT-23,5P,119MIL,PLASTIC,
1203-002203	U516	IC-POSI.ADJUST REG.	LP2951,SOP,8P,153MIL,PLASTIC,3.267/3.333V,-,-40TO+125C ,-,1.235V,TP
1203-002333	U526	IC-POWER SUPERVISOR	MIC2562A-1BTS,TSSOP,16P,173MIL,PLASTIC,3.3V/12V, ,-,40TO+85C,-,-,TR
1203-002389	U513	IC-DC/DC CONVERTER	LTC1772B,SOT-23,6P,63MIL,-,1.8V/3.3V,-,-40TO+85C,20A,-,TP
1203-002389	U514	IC-DC/DC CONVERTER	LTC1772B,SOT-23,6P,63MIL,-,1.8V/3.3V,-,-40TO+85C,20A,-,TP
1203-002486	U519	IC-PWM CONTROLLER	ISL6225CA-T,SSOP,28P,153MIL,-,0.9/5.5V,-,-10TO+125C,-,0.9V,TP
1203-002510	U537	IC-DC/DC CONVERTER	MB3875,SSOP,24P,220MIL,PLASTIC,-,740MW, -30TO+85C,60MA,4.158/4.242V,TP
1203-002887	U517	IC-PWM CONTROLLER	ISL6247CR-T,QFN,40P,6x6mm,PLASTIC,0.8375/1.6V,-,-10to+85C,,,TP
1203-002906	U507	IC-PWM CONTROLLER	ISL6207CR,QFN,8P,3x3mm,PLASTIC,-,30mW,-10to+85C,4A,-,TP
1203-002906	U509	IC-PWM CONTROLLER	ISL6207CR,QFN,8P,3x3mm,PLASTIC,-,30mW,-10to+85C,4A,-,TP
1203-002906	U510	IC-PWM CONTROLLER	ISL6207CR,QFN,8P,3x3mm,PLASTIC,-,30mW,-10to+85C,4A,-,TP
1203-002906	U515	IC-PWM CONTROLLER	ISL6207CR,QFN,8P,3x3mm,PLASTIC,-,30mW,-10to+85C,4A,-,TP
1205-002251	U534	IC-INTERFACE	CS4202,LQFP,48P,276MIL,PLASTIC,5V,1.25W,0TO+70C,TR,-
1205-002354	U512	IC-CLOCK GENERATOR	ICS950810CG-T,TSSOP,56P,14x6.1mm,PLASTIC,5.5V,-,0to+70C,TP,-
1209-001382	U511	IC-TEMP. TRANSDUCER	ADM1032ARM,SOIC,8P,118MIL,PLASTIC,3.6V,650MW,0TO+100C,TP
1404-001089	TH500	THERMISTOR-PTC	0.21ohm,-,-,6.0V,40A,2.2A,TP
2007-000029	R563	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R592	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R639	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R680	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R894	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000029	R895	R-CHIP	0ohm,5%,1/8W,TP,2012
2007-000033	R517	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R533	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R540	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000033	R761	R-CHIP	0ohm,5%,1/4W,TP,3216
2007-000040	R556	R-CHIP	150ohm,1%,1/10W,TP,1608
2007-000040	R565	R-CHIP	150ohm,1%,1/10W,TP,1608
2007-000052	R741	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R801	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R802	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R808	R-CHIP	10Kohm,1%,1/10W,TP,1608
2007-000052	R899	R-CHIP	10Kohm,1%,1/10W,TP,1608

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2007-000060	R656	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R657	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R676	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R677	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R679	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R903	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R921	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000060	R925	R-CHIP	100Kohm,1%,1/10W,TP,1608
2007-000066	R736	R-CHIP	20Kohm,1%,1/10W,TP,1608
2007-000066	R738	R-CHIP	20Kohm,1%,1/10W,TP,1608
2007-000070	R681	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R684	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R685	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R686	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R688	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R690	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R691	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R693	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R696	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R737	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R754	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R905	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000070	R928	R-CHIP	0ohm,5%,1/10W,TP,1608
2007-000071	R905	R-CHIP	22ohm,5%,1/10W,TP,1608
2007-000071	R929	R-CHIP	22ohm,5%,1/10W,TP,1608
2007-000106	R923	R-CHIP	220Kohm,5%,1/10W,TP,1608
2007-000113	R812	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R917	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R918	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000113	R940	R-CHIP	33ohm,5%,1/10W,TP,1608
2007-000134	R914	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000134	R931	R-CHIP	33Kohm,5%,1/10W,TP,1608
2007-000140	R512	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R515	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R528	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R529	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R530	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R531	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R537	R-CHIP	1Kohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000140	R555	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R624	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R644	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R700	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R760	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R800	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R823	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R825	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R827	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R830	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R862	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R872	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R876	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000140	R885	R-CHIP	1Kohm,5%,1/16W,TP,1005
2007-000141	R502	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R509	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R510	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R511	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R513	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R514	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000141	R516	R-CHIP	2.2Kohm,5%,1/16W,TP,1005
2007-000143	R546	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R557	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R708	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R888	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R901	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000143	R934	R-CHIP	4.7Kohm,5%,1/16W,TP,1005
2007-000147	R743	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R746	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R748	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	R752	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000147	R758	R-CHIP	8.2Kohm,5%,1/16W,DA,TP,1005
2007-000148	R519	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R524	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R535	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R536	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R548	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R640	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000148	R642	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R643	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R658	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R662	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R663	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R698	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R701	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R704	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R705	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R706	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R707	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R791	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R792	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R793	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R798	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R815	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R818	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R820	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R821	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R832	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R834	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R835	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R836	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R840	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R841	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R844	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R846	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R847	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R854	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R858	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R859	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R863	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R864	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R874	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R877	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R881	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R884	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R886	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R887	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000148	R890	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R898	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R900	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R906	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R910	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R915	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R916	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000148	R933	R-CHIP	10Kohm,5%,1/16W,DA,TP,1005
2007-000152	R932	R-CHIP	20Kohm,5%,1/16W,DA,TP,1005
2007-000157	R811	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R814	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R816	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R883	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000157	R889	R-CHIP	47Kohm,5%,1/16W,TP,1005
2007-000163	R558	R-CHIP	120Kohm,5%,1/16W,DA,TP,1005
2007-000171	R500	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R503	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R508	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R544	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R547	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R549	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R564	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R702	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R744	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R745	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R749	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R751	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R753	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R755	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R757	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R766	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R779	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R790	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R804	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R817	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R838	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R843	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R845	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R848	R-CHIP	0ohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000171	R856	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R857	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R860	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R871	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R891	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R892	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R893	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R897	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R911	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000171	R935	R-CHIP	0ohm,5%,1/16W,TP,1005
2007-000172	R593	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R594	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R595	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R596	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R597	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R598	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R599	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R600	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R601	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R602	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R603	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R604	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R605	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R606	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R607	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R608	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R609	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R610	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R611	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R612	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R613	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R614	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R615	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R616	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R617	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R630	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R631	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R632	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R633	R-CHIP	10ohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-000172	R634	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R635	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000172	R636	R-CHIP	10ohm,5%,1/16W,TP,1005
2007-000403	R659	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000403	R660	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000403	R661	R-CHIP	150ohm,5%,1/4W,TP,3216
2007-000455	R621	R-CHIP	18Kohm,1%,1/10W,TP,1608
2007-000455	R809	R-CHIP	18Kohm,1%,1/10W,TP,1608
2007-000475	R543	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R861	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R919	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000475	R920	R-CHIP	1Mohm,1%,1/10W,TP,1608
2007-000483	R532	R-CHIP	1ohm,5%,1/8W,TP,2012
2007-000483	R542	R-CHIP	1ohm,5%,1/8W,TP,2012
2007-000483	R567	R-CHIP	1ohm,5%,1/8W,TP,2012
2007-000583	R620	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000583	R622	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000583	R924	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000583	R927	R-CHIP	22Kohm,1%,1/10W,TP,1608
2007-000602	R740	R-CHIP	240Kohm,1%,1/10W,TP,1608
2007-000735	R902	R-CHIP	30Kohm,1%,1/8W,TP,2012
2007-000735	R926	R-CHIP	30Kohm,1%,1/8W,TP,2012
2007-000828	R619	R-CHIP	39Kohm,1%,1/10W,TP,1608
2007-000835	R505	R-CHIP	39ohm,1%,1/10W,TP,1608
2007-000835	R507	R-CHIP	39ohm,1%,1/10W,TP,1608
2007-000841	R878	R-CHIP	3Kohm,1%,1/8W,TP,2012
2007-000868	R904	R-CHIP	4.7Kohm,1%,1/8W,TP,2012
2007-000910	R922	R-CHIP	43Kohm,1%,1/10W,TP,1608
2007-000939	R913	R-CHIP	47Kohm,1%,1/10W,TP,1608
2007-000939	R930	R-CHIP	47Kohm,1%,1/10W,TP,1608
2007-000982	R709	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R762	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R763	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R794	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R795	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R796	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000982	R799	R-CHIP	5.6Kohm,5%,1/16W,DA,TP,1005
2007-000998	R907	R-CHIP	510ohm,1%,1/8W,TP,2012
2007-000998	R908	R-CHIP	510ohm,1%,1/8W,TP,2012

CODE	LOCATION	CATEGORY	SPEC
2007-001125	R678	R-CHIP	68Kohm,1%,1/10W,TP,1608
2007-001161	R747	R-CHIP	75Kohm,5%,1/10W,TP,1608
2007-001198	R687	R-CHIP	820ohm,1%,1/8W,TP,2012
2007-001198	R689	R-CHIP	820ohm,1%,1/8W,TP,2012
2007-001198	R692	R-CHIP	820ohm,1%,1/8W,TP,2012
2007-001198	R694	R-CHIP	820ohm,1%,1/8W,TP,2012
2007-001292	R629	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R645	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R646	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R648	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R649	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R650	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R651	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R654	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R655	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R664	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R665	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R666	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R668	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R669	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R670	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R671	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R672	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R673	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R674	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001292	R939	R-CHIP	33ohm,5%,1/16W,DA,TP,1005
2007-001313	R697	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-001313	R699	R-CHIP	330ohm,5%,1/16W,DA,TP,1005
2007-002970	R710	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R711	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R712	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R713	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R714	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R715	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R716	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R717	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R718	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R719	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R720	R-CHIP	56ohm,5%,1/16W,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-002970	R721	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R722	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R723	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R724	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R725	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R726	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R727	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R728	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R729	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R730	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R731	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R732	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R733	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	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	R772	R-CHIP	56ohm,5%,1/16W,TP,1005
2007-002970	R773	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	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
2007-002991	R522	R-CHIP	61.9Kohm,1%,1/10W,TP,1608
2007-007100	R866	R-CHIP	10MOHM,5%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-007100	R867	R-CHIP	10MOHM,5%,1/16W,DA,TP,1005
2007-007107	R534	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007107	R813	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007107	R826	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007107	R879	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007107	R880	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007107	R882	R-CHIP	100Kohm,1%,1/16W,DA,TP,1005
2007-007142	R824	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R833	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007142	R837	R-CHIP	10Kohm,1%,1/16W,TP,1005
2007-007222	R803	R-CHIP	6.04Kohm,1%,1/10W,TP,1608
2007-007222	R805	R-CHIP	6.04Kohm,1%,1/10W,TP,1608
2007-007306	R560	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R869	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007306	R909	R-CHIP	100ohm,1%,1/16W,DA,TP,1005
2007-007311	R828	R-CHIP	22Kohm,1%,1/16W,TP,1005
2007-007318	R552	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007318	R553	R-CHIP	1Kohm,1%,1/16W,DA,TP,1005
2007-007519	R742	R-CHIP	80.6Kohm,1%,1/10W,TP,1608
2007-007568	R638	R-CHIP	0.033OHM,1%,1W,TP,6432
2007-007568	R896	R-CHIP	0.033OHM,1%,1W,TP,6432
2007-007569	R637	R-CHIP	0.025OHM,1%,1W,TP,6432
2007-007724	R541	R-CHIP	40.2ohm,1%,1/10W,TP,1608
2007-007733	R831	R-CHIP	51ohm,1%,1/10W,TP,1608
2007-007776	R566	R-CHIP	604ohm,1%,1/10W,TP,1608
2007-007946	R853	R-CHIP	470Kohm,1%,1/16W,TP,1005
2007-008015	R501	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R504	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R506	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008015	R797	R-CHIP	75ohm,1%,1/16W,DA,TP,1005
2007-008030	R521	R-CHIP	619ohm,1%,1/10W,DA,TP,1608
2007-008159	R739	R-CHIP	348ohm,1%,1/10W,DA,TP,1608
2007-008263	R735	R-CHIP	3Kohm,1%,1/16W,TP,1005
2007-008293	R647	R-CHIP	475OHM,1%,1/16W,DA,TP,1005
2007-008298	R559	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R625	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005
2007-008298	R626	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	R628	R-CHIP	49.9OHM,1%,1/16W,DA,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2007-008303	R551	R-CHIP	27.40HM,1%,1/16W,DA,TP,1005
2007-008306	R520	R-CHIP	5490HM,1%,1/16W,DA,TP,1005
2007-008313	R550	R-CHIP	3010HM,1%,1/16W,DA,TP,1005
2007-008438	R554	R-CHIP	7150HM,1%,1/16W,TP,1005
2007-008578	R810	R-CHIP	48.70HM,1%,1/16W,TP,1005
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	AR504	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	AR513	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
2011-001264	AR518	R-NET	10ohm,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR519	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR520	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR521	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR522	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR523	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR524	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR525	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR526	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR527	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR528	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR529	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR530	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR531	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR532	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR533	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR534	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP

CODE	LOCATION	CATEGORY	SPEC
2011-001402	AR535	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2011-001402	AR536	R-NET	560HM,5%,1/16W,L,CHIP,8P,TP
2203-000062	C775	C-CER,CHIP	47nF,+80-20%,50V,Y5V,TP,1608
2203-000140	C835	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-
2203-000189	C528	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C538	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C554	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C555	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C556	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C562	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C563	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C571	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C572	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C583	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C584	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C624	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000189	C625	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,
2203-000206	C576	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C578	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C652	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C834	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000206	C836	C-CER,CHIP	100nF,10%,50V,X7R,TP,2012
2203-000239	C579	C-CER,CHIP	0.1nF,5%,50V,COG,TP,2012
2203-000239	C580	C-CER,CHIP	0.1nF,5%,50V,COG,TP,2012
2203-000254	C655	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C657	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C661	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C663	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C665	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C668	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C670	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C672	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C674	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C677	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C681	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C683	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C692	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C695	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C697	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-

CODE	LOCATION	CATEGORY	SPEC
2203-000254	C700	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C702	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C705	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C708	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C711	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C713	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C715	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C718	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C795	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000254	C796	C-CER,CHIP	10nF,10%,16V,X7R,TP,1005,-
2203-000260	C801	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C810	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C827	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C833	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C837	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C843	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000260	C850	C-CER,CHIP	10nF,10%,50V,X7R,TP,2012
2203-000278	C505	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C514	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C534	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C799	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000278	C800	C-CER,CHIP	0.01NF,0.5PF,50V,C0G,TP,1005
2203-000298	C535	C-CER,CHIP	10uF,+80-20%,16V,Y5V,TP,3225,-
2203-000330	C531	C-CER,CHIP	0.012NF,5%,50V,C0G,TP,1005
2203-000330	C776	C-CER,CHIP	0.012NF,5%,50V,C0G,TP,1005
2203-000330	C777	C-CER,CHIP	0.012NF,5%,50V,C0G,TP,1005
2203-000357	C806	C-CER,CHIP	0.15NF,5%,50V,C0G,TP,1608
2203-000438	C750	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C814	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C825	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C826	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000438	C844	C-CER,CHIP	1nF,10%,50V,X7R,TP,1005,-
2203-000440	C686	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-
2203-000476	C755	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C758	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C760	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C762	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C765	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C773	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012

CODE	LOCATION	CATEGORY	SPEC
2203-000476	C774	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C783	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C784	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C802	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C803	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C815	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C817	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C818	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C819	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C828	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000476	C846	C-CER,CHIP	1000nF,+80-20%,16V,Y5V,TP,2012
2203-000489	C604	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1005,-
2203-000575	C729	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000575	C731	C-CER,CHIP	220NF,10%,25V,X7R,TP,2012
2203-000626	C530	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608
2203-000626	C586	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608
2203-000628	C536	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C537	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C632	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C771	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C772	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C857	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000628	C858	C-CER,CHIP	0.022NF,5%,50V,C0G,TP,1005
2203-000783	C619	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608
2203-000783	C620	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608
2203-000815	C529	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608
2203-000815	C831	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608
2203-000815	C832	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608
2203-000815	C862	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608
2203-000888	C854	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608
2203-000940	C861	C-CER,CHIP	470pF,10%,50V,X7R,TP,1005,-
2203-000995	C532	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C721	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C724	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C768	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C811	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C842	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-000995	C860	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1005
2203-001389	C732	C-CER,CHIP	12nF,10%,50V,X7R,TP,1608,1.6mm

CODE	LOCATION	CATEGORY	SPEC
2203-001630	C733	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608
2203-001630	C756	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608
2203-001630	C798	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608
2203-001630	C847	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608
2203-001630	C853	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608
2203-001662	C808	C-CER,CHIP	5.6NF,10%,50V,X7R,TP,1608
2203-002085	C690	C-CER,CHIP	56nF,10%,50V,X7R,TP,2012,-
2203-005015	C561	C-CER,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
2203-005015	C577	C-CER,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
2203-005015	C598	C-CER,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
2203-005015	C650	C-CER,CHIP	150nF,+80-20%,16V,Y5V,TP,1608
2203-005052	C503	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C504	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C506	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C507	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C510	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C511	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005052	C533	C-CER,CHIP	0.0033nF,0.25pF,50V,NP0,TP,1005
2203-005061	C501	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C502	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C515	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C516	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C517	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C521	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C522	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C523	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	C525	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C541	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C566	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C567	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	C582	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C589	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C590	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	C592	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C593	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C594	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C599	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C603	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	C609	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C610	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C611	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C612	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C613	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C614	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C615	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C616	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C617	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C618	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C623	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C640	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C641	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C642	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	C644	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	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	C656	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C658	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C659	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C660	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	C664	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	C669	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	C673	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	C678	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C679	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C680	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	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	C691	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	C696	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C698	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C699	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	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	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	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	C712	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	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	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	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	C725	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C734	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C735	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C737	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C738	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	C741	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	C743	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	C746	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C749	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C757	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005061	C759	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	C769	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C778	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C780	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C781	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C782	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C786	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C787	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C788	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C789	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C792	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C793	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C804	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C805	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C807	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C809	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	C813	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C822	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C823	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	C830	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C838	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C839	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C855	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C856	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005061	C859	C-CER,CHIP	100nF,+80-20%,16V,Y5V,TP,1005
2203-005148	C752	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005148	C753	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608
2203-005198	C728	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005198	C845	C-CER,CHIP	1uF,10%,10V,X5R,TP,2012,-
2203-005261	C564	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C569	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C573	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C581	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C585	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C602	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C621	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216

CODE	LOCATION	CATEGORY	SPEC
2203-005261	C622	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C651	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005261	C689	C-CER,CHIP	1000nF,10%,25V,X7R,TP,3216
2203-005368	C500	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225
2203-005368	C748	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225
2203-005368	C766	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225
2203-005368	C767	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225
2203-005368	C790	C-CER,CHIP	4700NF,20%,25V,Y5V,TP,3225
2203-005437	C791	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C794	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C797	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005437	C840	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216
2203-005482	C518	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C519	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C520	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C526	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C527	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C539	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C540	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C552	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C553	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C557	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C558	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C560	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C565	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C568	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C574	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C575	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C595	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C600	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C601	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C626	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C627	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C648	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005482	C829	C-CER,CHIP	100nF,10%,10V,X5R,TP,1005,-
2203-005493	C816	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005493	C820	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005493	C821	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005493	C848	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005

CODE	LOCATION	CATEGORY	SPEC
2203-005493	C849	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005493	C851	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005493	C852	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1005
2203-005619	C596	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C597	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C726	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C727	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C730	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-005619	C747	C-CER,CHIP	4700NF,10%,16V,X5R,TP,3216
2203-006143	C543	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C544	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C545	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C546	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C547	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C548	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C549	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2203-006143	C550	C-CER,CHIP	22000NF,20%,6.3V,X5R,TP,3216
2402-001046	C736	C-AL,SMD	68uF,20%,25V,LZ,6.6x6.6x6,4.75
2402-001046	C754	C-AL,SMD	68uF,20%,25V,LZ,6.6x6.6x6,4.75
2402-001046	C770	C-AL,SMD	68uF,20%,25V,LZ,6.6x6.6x6,4.75
2402-001046	C779	C-AL,SMD	68uF,20%,25V,LZ,6.6x6.6x6,4.75
2402-001046	C785	C-AL,SMD	68uF,20%,25V,LZ,6.6x6.6x6,4.75
2402-001121	EC524	C-POLYMER AL CHIP	220UF,-,2.5V,-,TP,7.3*4.3*1.9
2402-001167	EC513	C-POLYMER AL CHIP	82UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001167	EC514	C-POLYMER AL CHIP	82UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC502	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC503	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC504	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC505	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC506	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC508	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC511	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC512	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC515	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC516	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC517	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC519	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001168	EC522	C-POLYMER AL CHIP	330UF,20%,2.5V,WT,TP,7.3*4.3*1.8MM
2402-001169	EC525	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM

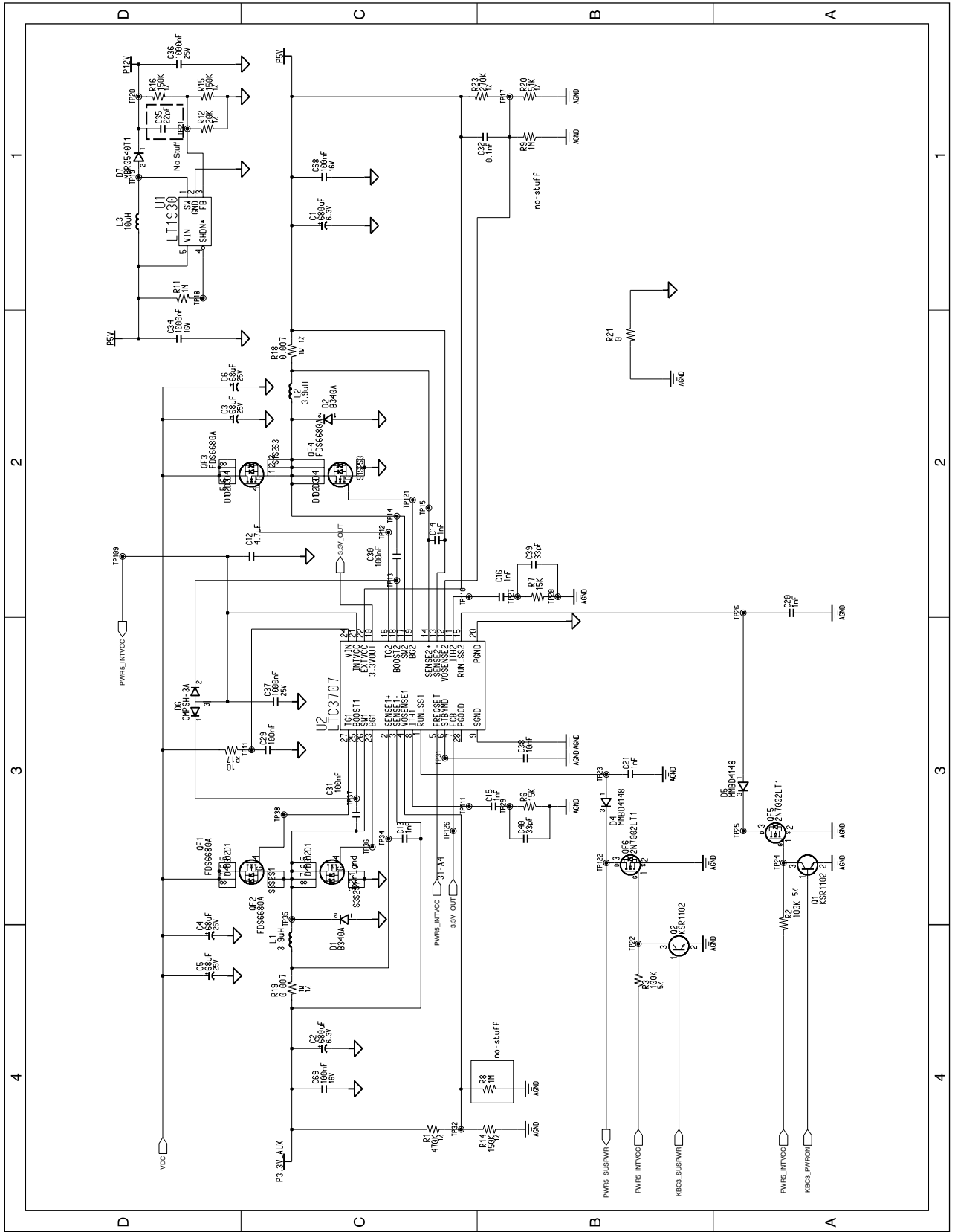
CODE	LOCATION	CATEGORY	SPEC
2402-001169	EC526	C-POLYMER AL CHIP	220UF,20%,4V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC500	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC501	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC507	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC509	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC510	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC518	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC520	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC521	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2402-001170	EC523	C-POLYMER AL CHIP	150UF,20%,6V,WT,TP,7.3*4.3*1.8MM
2404-000139	TC511	C-TA,CHIP	10uF,20%,6.3V,-,TP,3216,-
2404-000151	TC534	C-TA,CHIP	1uF,20%,16V,-,TP,3216,-
2404-000284	TC525	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC530	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC531	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC535	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000284	TC536	C-TA,CHIP	10uF,20%,16V,-,TP,3528,-
2404-000295	TC500	C-TA,CHIP	220UF,20%,10V,LZ,TP,7343
2404-000295	TC504	C-TA,CHIP	220UF,20%,10V,LZ,TP,7343
2404-000299	TC502	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	TC503	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-000299	TC513	C-TA,CHIP	22uF,20%,16V,-,TP,6032,-
2404-001020	TC501	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC505	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC509	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC510	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC515	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC516	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC517	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC518	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC520	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC521	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC522	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC523	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC524	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC526	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001020	TC527	C-TA,CHIP	10uF,20%,10V,GP,TP,3216,3.2
2404-001075	CT500	C-TA,CHIP	100uF,20%,16V,WT,TP,7343
2404-001075	TC529	C-TA,CHIP	100uF,20%,16V,WT,TP,7343

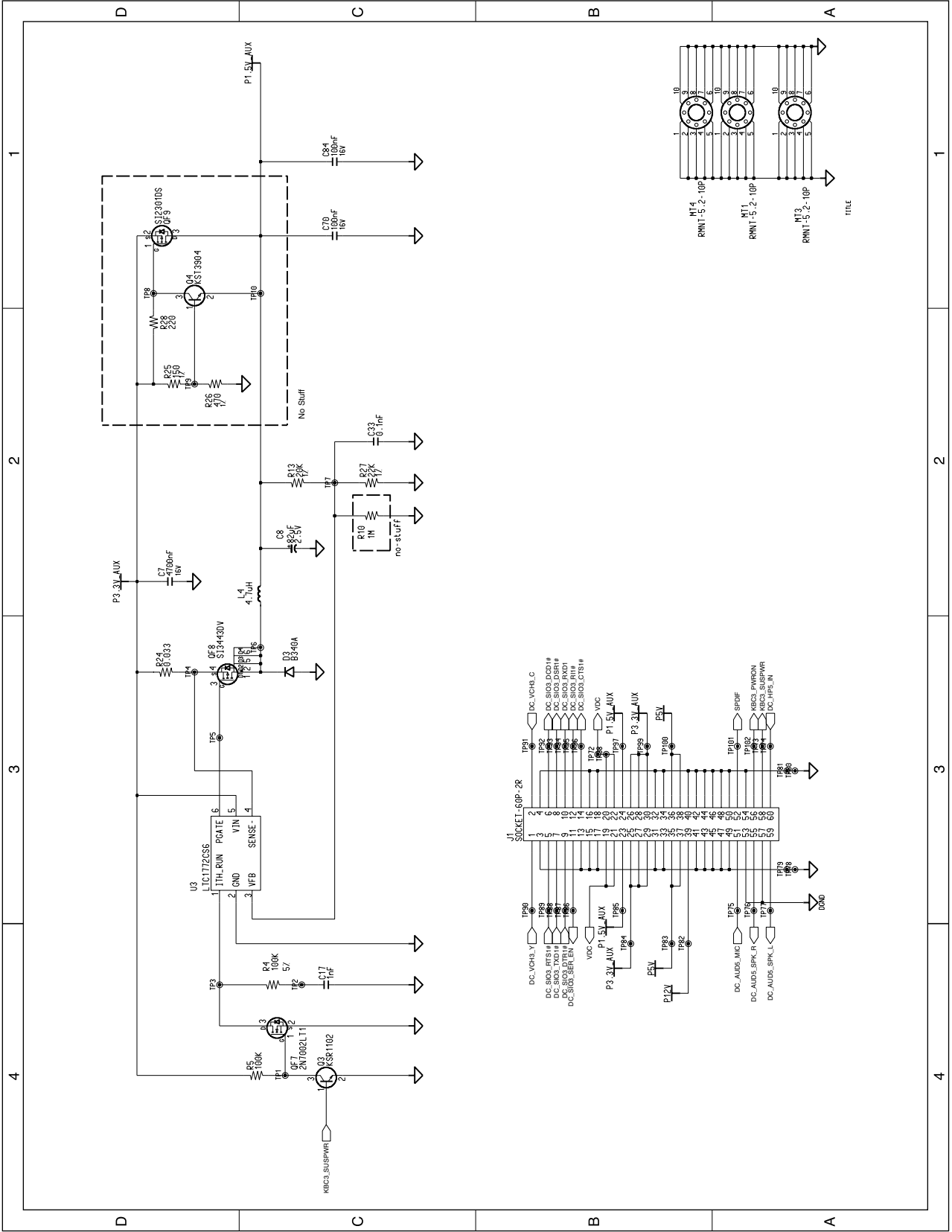
CODE	LOCATION	CATEGORY	SPEC
2404-001075	TC532	C-TA,CHIP	100uF,20%,16V,WT,TP,7343
2404-001239	TC512	C-TA,CHIP	100UF,20%,6.3V,WT,TP,3.3X2.7X1.7MM
2404-001266	TC507	C-TA,CHIP	47UF,20%,10V,-,TP,3528
2404-001266	TC508	C-TA,CHIP	47UF,20%,10V,-,TP,3528
2404-001285	TC506	C-TA,CHIP	4.7UF,20%,10V,WT,TP,2012
2404-001285	TC514	C-TA,CHIP	4.7UF,20%,10V,WT,TP,2012
2703-000158	L502	INDUCTOR-SMD	1uH,10%,2012
2703-002335	L504	INDUCTOR-SMD	22uH,20%,12.0x12.0mm
2703-002397	L500	INDUCTOR-SMD	10%uH,10%,2012
2703-002397	L501	INDUCTOR-SMD	10%uH,10%,2012
2703-002498	L503	INDUCTOR-SMD	0.68uH,10%,2012
2801-000111	Y503	CRYSTAL-SMD	0.032768MHZ,20PPM,28-AAW,12.5PF,50KOHM,-
2801-003730	Y501	CRYSTAL-SMD	14.31818MHz,50ppm,28-ACC,16pF,50ohm,TP
2801-003892	Y500	CRYSTAL-SMD	25MHz,50ppm,28-ACC,10pF,50ohm,TP
2801-003898	Y504	CRYSTAL-SMD	24.576MHz,50ppm,28-ACC,12pF,50ohm,TP
2801-003898	Y505	CRYSTAL-SMD	24.576MHz,50ppm,28-ACC,12pF,50ohm,TP
2801-004047	Y502	CRYSTAL-SMD	10MHZ,50PPM,28-ACF,16PF,50OHM,TP
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
3301-000322	B511	BEAD-SMD	-,31,-,500,TP,-,0
3301-000326	B500	BEAD-SMD	600HM,3.2X2.5X1.3MM,400MA,-25TO+85C,FERRITE,30KOHM
3301-000326	B504	BEAD-SMD	600HM,3.2X2.5X1.3MM,400MA,-25TO+85C,FERRITE,30KOHM
3301-000326	B512	BEAD-SMD	600HM,3.2X2.5X1.3MM,400MA,-25TO+85C,FERRITE,30KOHM
3301-001272	B505	BEAD-SMD	1200HM,2X1.25X1MM,5000MA,TR,M,0.02OHM
3301-001499	B501	BEAD-SMD	750HM,1.6X0.8X0.8MM,300MA,TP,-,0.150HM
3301-001499	B502	BEAD-SMD	750HM,1.6X0.8X0.8MM,300MA,TP,-,0.150HM
3301-001499	B503	BEAD-SMD	750HM,1.6X0.8X0.8MM,300MA,TP,-,0.150HM
3701-001274	PIO500	CONNECTOR-DSUB	25P,2R,FEMALE,ANGLE,AU30U
3701-001275	VGA500	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AU30U
3704-001153	CPU500	SOCKET-IC	479P,PGA,AU,-
3704-001176	SODIMM2	SOCKET-IC	200P,DIMM,AUF,-
3704-001177	SODIMM1	SOCKET-IC	200P,DIMM,AUF,-
3710-001838	CDROM500	CONNECTOR-SOCKET	50P,2R,0.8MM,ANGLE,AU10U
3710-001849	HDD500	CONNECTOR-SOCKET	44P,2R,2MM,SMD-A,AU30U
3711-000541	J502	CONNECTOR-HEADER	BOX,2P,1R,1.25MM,SMD-A,SN,NTR
3711-003057	J501	CONNECTOR-HEADER	BOX,6P,1R,1.25MM,SMD-S,SN,WHT
3722-001641	USB500	JACK-USB	4P/2C A,-,AUF,BLK,-
3722-001692	COMBO500	JACK-MODULAR	12P/10C 2,STANDARD,N,SMD-OFFSET,-,N,BLK,AU
3722-001732	J500	JACK-IEEE1394	4P/1C,-,AU30U,-,-

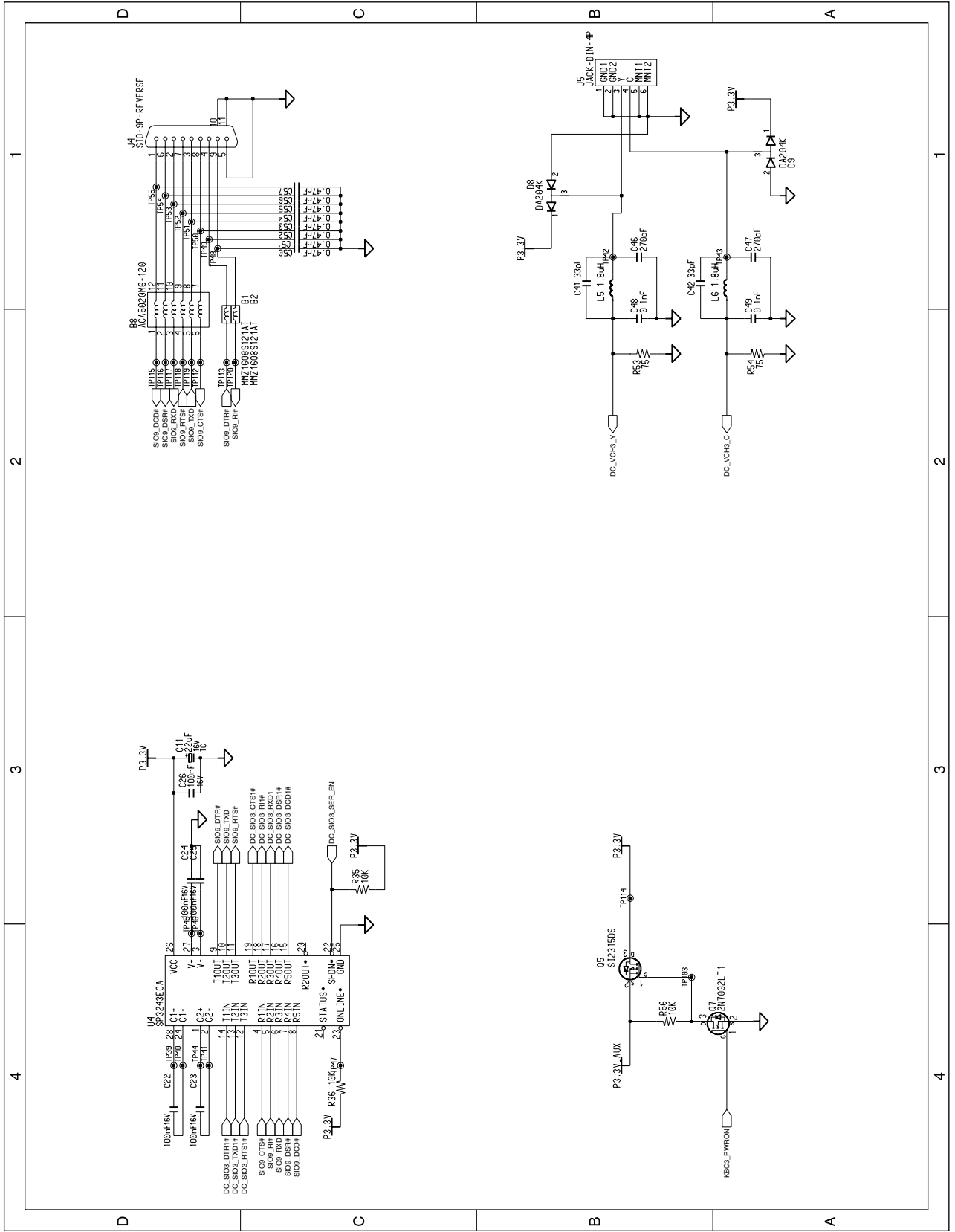
CODE	LOCATION	CATEGORY	SPEC
3722-001829	MS500	JACK-DIN	6P,-,SN,GRN,-
3722-002041	PWR500	JACK-DC POWER	2P,2.5 PI,AG,YELLOW
BA26-00001A	LT504	TRANS MATCHING	HBB14,BLADE2,6P/6P,-,350uH,-,-,1500Vrms/MIN,0to+70C,TP,-,-,-
BA27-00018A	LT500	COIL CHOKE	PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X1.6X1.9MM, -,-,-,0.40HM MAX,3.2X1.6X1.9MM
BA27-00018A	LT501	COIL CHOKE	PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X1.6X1.9MM, -,-,-,0.40HM MAX,3.2X1.6X1.9MM
BA27-00018A	LT502	COIL CHOKE	PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X1.6X1.9MM, -,-,-,0.40HM MAX,3.2X1.6X1.9MM
BA27-00018A	LT503	COIL CHOKE	PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X1.6X1.9MM, -,-,-,0.40HM MAX,3.2X1.6X1.9MM
BA32-00008A	Q540	SENSOR TEMP	FM50S3,TAURUS,-40~125,2.7 TO 6.0,UNDER 130UA,-,-,-
3409-001095	SW8000	SWITCH-REED	200V,0.5A,-,-
0903-001313	U523	IC-MICROCOMPUTER	HD64F2160YV,32BIT,QFP,144P,630MIL,10MHZ,TR,CMOS,PLASTIC, 3.3V,10MW,-20TO+75C,64KB
1107-001288	U518	IC-FLASH MEMORY	SST49LF004,512KX8BIT,PLCC,32P,488MIL,120NS,3.3V,10%, PLASTIC,0TO+85C,100UA,CMOS,T
1107-001468	U518	IC-FLASH MEMORY	Pm49FL004,512Kx8Bit,PLCC,32P,11.51x14.05mm,30nS, 3.3V,10%,-,0to+70C,500uA,-,TP

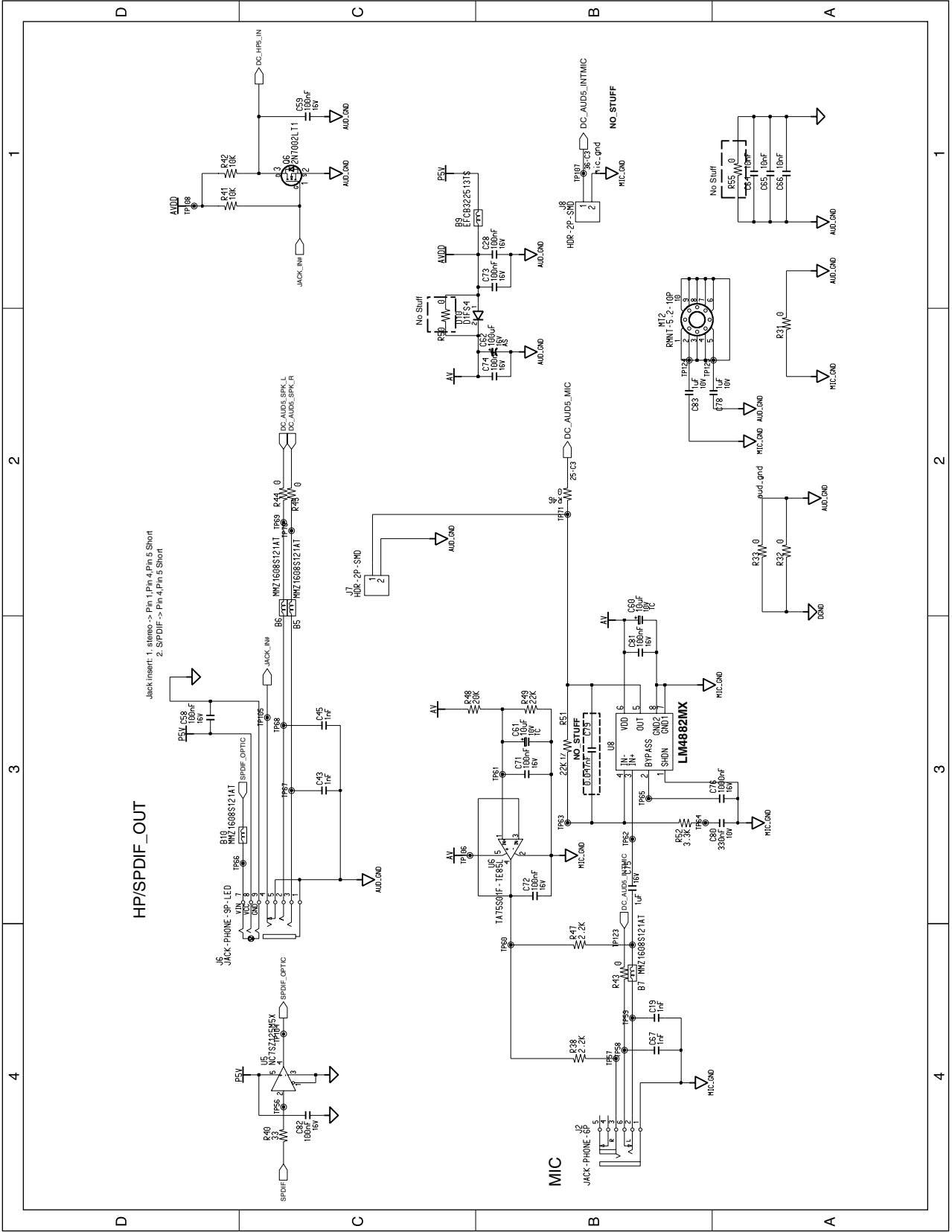
3-2 DC/DC Board

3-2-1 Schematic Diagrams









3-2-2 Parts List

No	Part No	Description	Reference	Qty
1	0401-000191	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D6	1
1	0401-000191	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D4 D5	2
2	0402-000198	diode, DIODE-RECTIFIER;D1FS4-4063,45V,-,1F	D10	1
3	0402-001024	diode, DIODE-RECTIFIER;MBR0540,40V,0.5A,SOD-123,TP	D7	1
4	0402-001405	diode, DIODE-RECTIFIER;B340A,40,3A,SMA,TP	D1 D2 D3	3
5	0404-000157	diode2_2k, DIODE-SCHOTTKY;CMPSH-3A,30V,100mA,SOT-23,TP	D6	1
6	0407-001008	diode2_s, DIODE-ARRAY;DA204K,20V,100mA,C2-3,SOT-23,T	D8 D9	2
7	0504-000127	npn_tr, TR-DIGITAL;- ,NPN,200MW,10K/10K,SOT-23,TP	Q1 Q2 Q3	3
8	0505-000110	nmos_fet, FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.3W,SOT-23	Q6 Q7 QF5 QF6 QF7	5
9	0505-001165	pmos_fet_4d, FET-SILICON;SI3443DV,P,-20V,+3.5mA,65mohm	QF8	1
10	0505-001386	nmos_fet_3s_4d, FET-SILICON;FDS6680A,N,30V,12.5A,0.0095ohm,2.5W,S	QF1 QF2 QF3 QF4	4
11	0505-001516	pmos_fet, FET-SILICON;SI2315DS,P,-12V,+3.5A,0.118 ohm,1.25	Q5	1
12	0801-002462	7s125, IC-CMOS LOGIC;7SZ125,GATE BUFFER,SOT-23,5P,63MIL,	U5	1
13	1006-001165	3243e, IC-LINE TRANSCEIVER;3243E,SSOP,28P,200MIL,-,TP,PA	U4	1
14	1201-001125	ta75s01f, IC-OP AMP;75S01,SOP,5P,63MIL,SINGLE,100d	U6	1
15	1201-001489	lm4882, IC-AUDIO AMP;4882,SOP,8P,150MIL,-,-,PLASTIC,6V,25	U8	1
16	1203-001964	ltc1772, IC-VOL. REFERENCE;1772,SOT-23,6P,60MIL,PLASTIC,1.	U3	1
17	1203-002283	lt1930, IC-DC/DC CONVERTER;1930,SOT-23,5P,64MIL,PLASTIC,-	U1	1
18	1203-002706	ltc3707, IC-SWITCH REG.;LTC3707EGN,SSOP,28P,9.9X3.9MM,PLAS	U2	1
19	2007-000033	res, R-CHIP;0OHM,5%,1/8W,DA,TP,3216	R32 R33	2
20	2007-000063	res_t, R-CHIP;150Kohm,1%,1/16W,DA,TP,1608	R14 R15 R16	3
21	2007-000066	res_t, R-CHIP;20Kohm,1%,1/16W,DA,TP,1608	R12 R13	2
22	2007-000070	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R21 R31 R43 R44 R45	5
23	2007-000082	res, R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	R52	1
24	2007-000090	res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R41 R42	2
25	2007-000092	res, R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	R6 R7	2
26	2007-000093	res, R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	R48	1
27	2007-000094	res, R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	R49	1
28	2007-000102	res, R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	R2 R3 R4 R5	4
29	2007-000109	res, R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	R11	1
30	2007-000113	res, R-CHIP;33ohm,5%,1/16W,DA,TP,1608	R40	1
31	2007-000124	res, R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	R38 R47	2
32	2007-000148	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1005	R35 R36 R56	3
33	2007-000309	res, R-CHIP;10ohm,5%,1/16W,DA,TP,1608	R17	1
34	2007-000583	res_t, R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	R27	1
35	2007-000633	res_t, R-CHIP;270Kohm,1%,1/16W,DA,TP,1608	R23	1
36	2007-000923	res_t, R-CHIP;470Kohm,1%,1/16W,DA,TP,1608	R1	1
37	2007-001007	res_t, R-CHIP;51Kohm,1%,1/16W,DA,TP,1608	R20	1

No	Part No	Description	Reference	Qty
38	2007-001280	res_pt, R-CHIP;0.033ohm,1%,1W,DA,TP,6432	R24	1
39	2007-007009	res, R-CHIP;75OHM,5%,1/16W,DA,TP,1005	R53 R54	2
40	2007-007311	res_t, R-CHIP;22Kohm,1%,1/16W,DA,TP,1005	R51	1
41	2007-008370	res_pt, R-CHIP;0.0070HM,1%,1W,DA,TP,6432	R18 R19	2
42	2203-000206	ccap, C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	C29 C30 C31	3
43	2203-000233	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005	C48 C49	2
44	2203-000236	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C32 C33	2
45	2203-000257	ccap, C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C38 C64 C65 C66	4
46	2203-000438	ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1005,-	C43 C45	2
47	2203-000440	ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C13 C14 C15 C16 C17 C19 C20 C21 C67	9
48	2203-000476	ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C34 C75 C76	3
49	2203-000815	ccap, C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,1608	C39 C40 C41 C42	4
50	2203-001408	ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C46 C47	2
51	2203-001656	ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C50 C51 C52 C53 C54 C55 C56 C57	8
52	2203-001724	ccap_v, C-CERAMIC,CHIP;4700NF,+80-20%,16V,Y5V,TP,3216	C12	1
53	2203-005061	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP,1005	C81	1
54	2203-005148	ccap_v, C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608,-	C22 C23 C24 C25 C26 C28 C58 C59 C68 C69 C70 C71 C72 C73 C74 C82 C84	17
55	2203-005198	ccap_v, C-CERAMIC,CHIP;1uF,10%,10V,X5R,TP,2012,-	C78 C83	2
56	2203-005261	ccap_v, C-CERAMIC,CHIP;1000nF,10%,25V,X7R,TP,3216	C36 C37	2
57	2203-005509	ccap_v, C-CERAMIC,CHIP;330nF,+80-20%,10V,Y5V,TP,1005	C80	1
58	2203-005619	ccap_v, C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,3216	C7	1
59	2402-001042	ecap, C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	C62	1
60	2402-001046	ecap, C-AL,SMD;68uF,20%,25V,LZ,6.6x6.6x6.4.75	C3 C4 C5 C6	4
61	2402-001167	ecap, C-POLYMER AL CHIP;82UF,20%,2.5V,WT,TP,7.3*4.3*1.8	C8	1
62	2404-000299	tantal, C-TA,CHIP;22uF,20%,16V,-,TP,6032,-	C11	1
63	2404-001074	tantal, C-TA,CHIP;10uF,10%,10V,GP,TP,3216,-	C60 C61	2
64	2409-001071	ecap, C-ORGANIC;680UF,20%,6.3V,WT,TP,10X10.5MM,5	C1 C2	2
65	2703-000310	inductor, INDUCTOR-SMD;1.8uH,10%,0.8x1.6x0.8mm	L5 L6	2
66	2703-002355	inductor, INDUCTOR-SMD;4.7UH,20%,6.3X6.0X3.0MM	L4	1
67	2703-002357	inductor, INDUCTOR-SMD;10UH,20%,5.0X5.0X2.0MM	L3	1
68	2703-002510	inductor, INDUCTOR-SMD;3.9UH,30%,10.4X10.4X4.8MM	L1 L2	2
69	3301-000314	bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B1 B2 B5 B6 B7 B10	6

No	Part No	Description	Reference	Qty
70	3301-000326	bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	B9	1
71	3301-000361	beadnet_12, CORE-FERRITE BEAD;AB,120ohm,5x2x0.9mm,200mA,TP,FE	B8	1
72	3701-001276	dsub-9s-1r-m, CONNECTOR-DSUB;9P,2R,MALE,ANGLE,AU1U	J4	1
73	3710-001847	sock-60z-2r, CONNECTOR-SOCKET;60P,2R,1.27MM,ANGLE,AUF	J1	
74	3711-000541	head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25mm,SMD-A,SN	J7 J8	2
75	3722-001928	jack-phone-9p-led, JACK-PHONE;10P,3.6,AU,ORN,-	J6	1
76	3722-001775	jack-phone-6p, JACK-PHONE;6P,3.6P,AG,PINK,-	J2	1
77	3722-001808	jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	J5	1
				167
	No stuff			
1	2203-000626	ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1608	C35	1
2	2007-000109	res, R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	R8 R9 R10	3
3	2007-000929	res_t, R-CHIP;470ohm,1%,1/16W,DA,TP,1608	R26	1
4	2007-000040	res_t, R-CHIP;150ohm,1%,1/16W,DA,TP,1608	R25	1
5	2007-000570	res_t, R-CHIP;2200HM,1%,1/10W,DA,TP,1608	R28	1
6	0501-000466	npn_tr, TR-SMALL SIGNAL;KST3904,NPN,350mW,SOT-23,TP,10	Q4	1
7	0505-001155	pmos_fet, FET-SILICON;SI2301DS,P,-12V,-2.3A,130mohm,	QF9	1
8	2007-000070	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R46 R55	2
9	2007-000033	res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R50	1
10	2203-000995	ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005	C79	1
				13