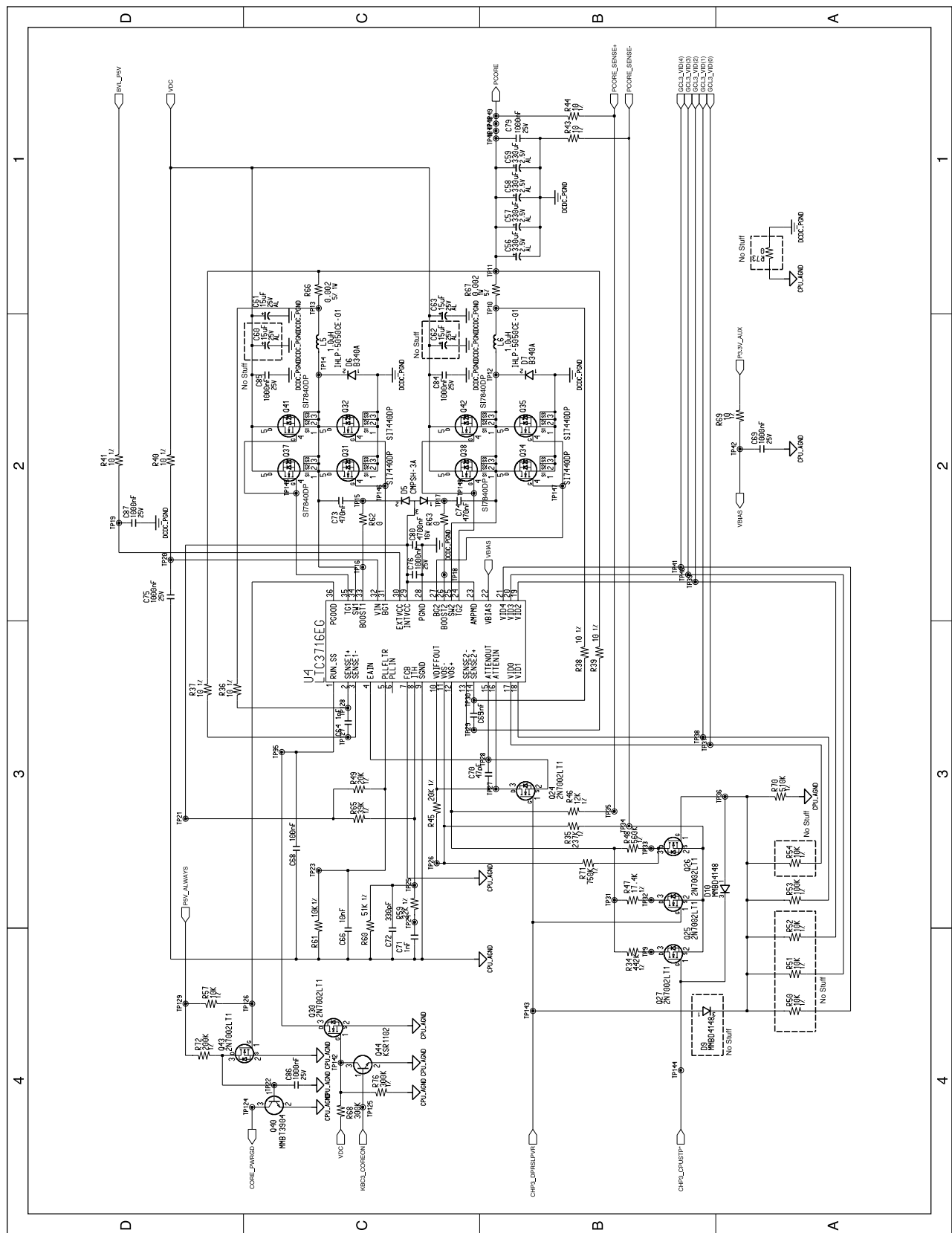
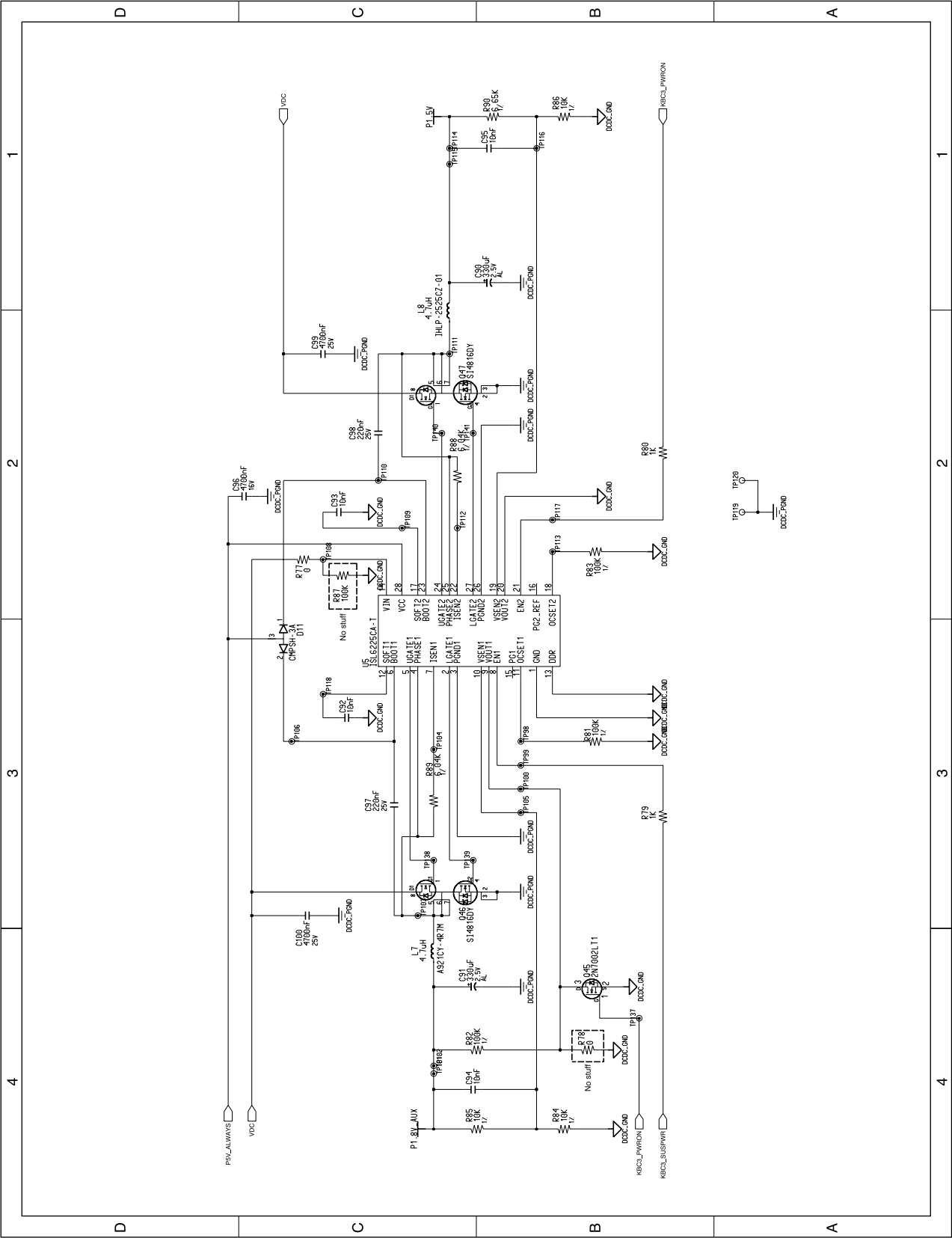
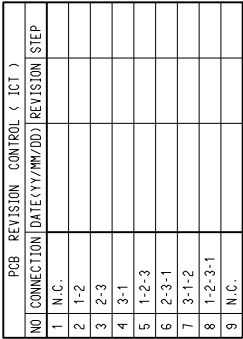


6-2-1 Schematic Diagrams









The image shows a detailed PCB layout for a 4-layer board. The layout is organized on a grid with dimensions 1, 2, 3, and 4. The components are arranged as follows:

- Top Layer (Left):** Contains a large rectangular component labeled C60, a smaller component labeled Q2, and a component labeled REV. Below these are several capacitors labeled C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97.
- Top Layer (Right):** Contains a large rectangular component labeled C60, a smaller component labeled Q2, and a component labeled REV. Below these are several capacitors labeled C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97.
- Bottom Layer (Left):** Contains a large rectangular component labeled C60, a smaller component labeled Q2, and a component labeled REV. Below these are several capacitors labeled C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97.
- Bottom Layer (Right):** Contains a large rectangular component labeled C60, a smaller component labeled Q2, and a component labeled REV. Below these are several capacitors labeled C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97.



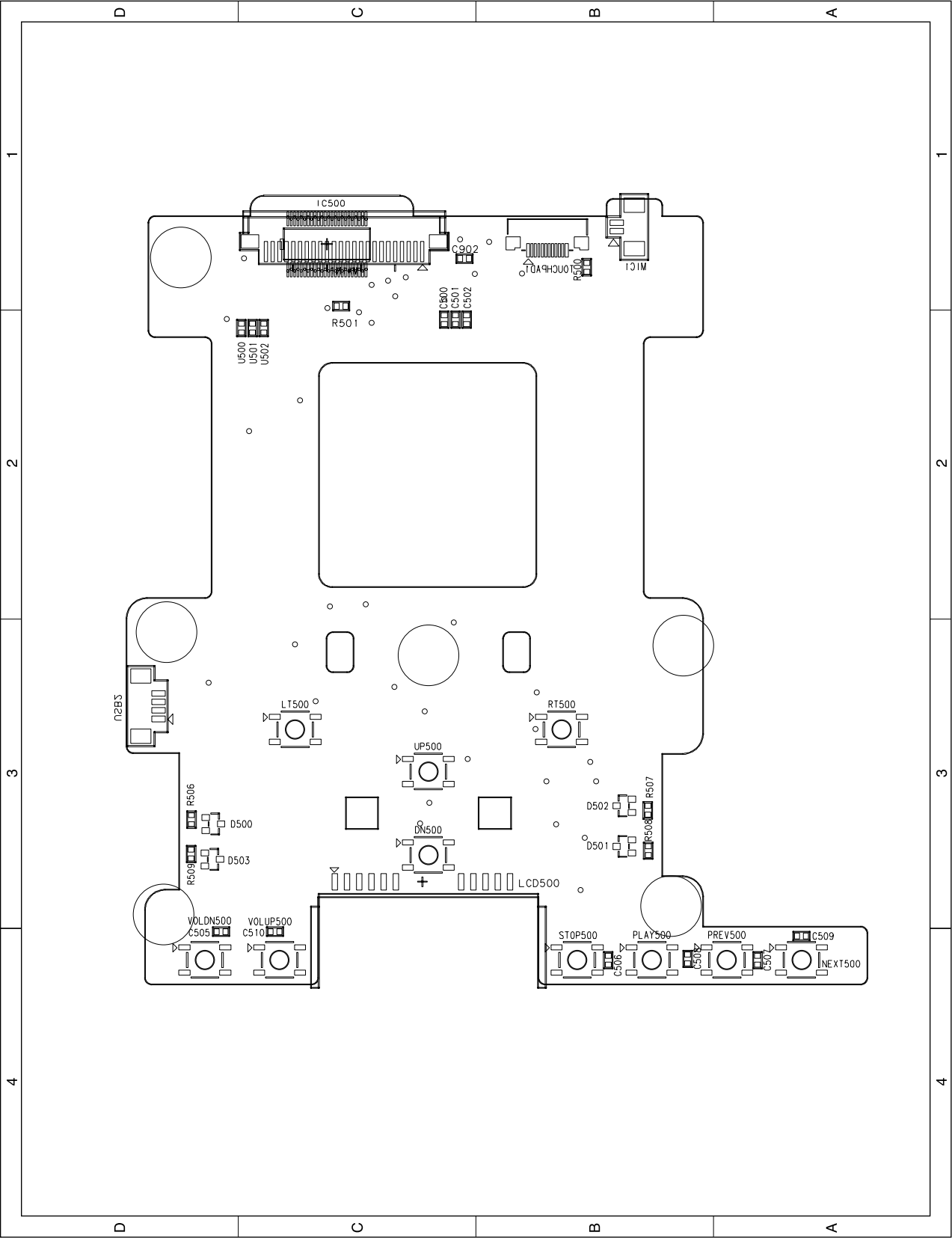
6-2-3 Parts List

LEVEL	CODE	Description and Specification	Location	Q'ty
0.1	0401-000191	DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-2	D10	1
0.1	0402-001405	DIODE-RECTIFIER;B340A,40,3A,SMA,TP	D1,D2,D6,D7	4
0.1	0404-000157	DIODE-SCHOTTKY;CMP5H-3A,30V,100mA,SOT-23	D11,D4,D5	3
0.1	0501-000465	TR-SMALL SIGNAL;MMBT3904,NPN,350MW,SOT-2	Q40	1
0.1	0504-000127	TR-DIGITAL;-NPN,200MW,10K/10K,SOT-23,TP	Q14,Q15,Q44	3
0.1	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	Q18,Q19,Q24,Q25, Q26,Q27,Q30,Q43, Q45,Q48	10
0.1	0505-001386	FET-SILICON;FDS6680A,N,30V,12.5A,0.0095o	Q1,Q2,Q6,Q7	4
0.1	0505-001562	FET-SILICON;-N,30V,5.3/7.7A,30/18.5MOHM	Q46,Q47	2
0.1	0505-001573	FET-SILICON;SI7440DP,N,30V,12A,6.5MOHM,1	Q31,Q32,Q34,Q35	4
0.1	0505-001654	FET-SILICON;SI7840DP,N,30V,11A,7.7MOHM,1	Q37,Q38,Q41,Q42	4
0.1	1203-002329	IC-SWITCH REG.;LTC3716EG,SSOP,36P,208MIL	U4	1
0.1	1203-002486	IC-PWM CONTROLLER;ISL6225CA-T,SSOP,28P,1	U5	1
0.1	1203-002518	IC-SWITCH REG.;LTC3728EG,SSOP,28P,208MIL	U1	1
0.1	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608	R79,R80	2
0.1	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	R57,R61,R84,R85 R86	5
0.1	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	R53,R81,R82,R83	4
0.1	2007-000063	R-CHIP;150Kohm,1%,1/16W,DA,TP,1608	R18	1
0.1	2007-000066	R-CHIP;20Kohm,1%,1/16W,DA,TP,1608	R45,R49	2
0.1	2007-000067	R-CHIP;15Kohm,1%,1/16W,DA,TP,1608	R20,R21	2
0.1	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R62,R63,R77	3
0.1	2007-000475	R-CHIP;1Mohm,1%,1/16W,DA,TP,1608	R7,R8	2
0.1	2007-000583	R-CHIP;22Kohm,1%,1/16W,DA,TP,1608	R59,R17	2
0.1	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	R65	1
0.1	2007-000923	R-CHIP;470Kohm,1%,1/16W,DA,TP,1608	R22	1
0.1	2007-001007	R-CHIP;51Kohm,1%,1/16W,DA,TP,1608	R60	1
0.1	2007-001023	R-CHIP;560Kohm,1%,1/16W,DA,TP,1608	R48	1
0.1	2007-001433	R-CHIP;12Kohm,1%,1/16W,DA,TP,1608	R46	1
0.1	2007-002899	R-CHIP;10ohm,1%,1/16W,DA,TP,1608	R12,R13,R14,R15, R16,R36,R37,R38, R39,R40,R41,R43, R44,R69	14
0.1	2007-002906	R-CHIP;200Kohm,1%,1/16W,DA,TP,1608	R72	1
0.1	2007-002907	R-CHIP;237Kohm,1%,1/16W,DA,TP,1608	R35	1
0.1	2007-007222	R-CHIP;6.04Kohm,1%,1/16W,DA,TP,1608	R88,R89	2

LEVEL	CODE	Description and Specification	Location	Q'ty
0.1	2007-007720	R-CHIP;300KOHM,1%,1/16W,DA,TP,1608	R2,R3,R68,R74,R75, R76	6
0.1	2007-007736	R-CHIP;510KOHM,1%,1/16W,DA,TP,1608	R70	1
0.1	2007-007877	R-CHIP;0.004ohm,1%,1W,DA,TP,2512	R5,R6	2
0.1	2007-007937	R-CHIP;17.4Kohm,1%,1/16W,DA,TP,1608	R47	1
0.1	2007-007938	R-CHIP;6.65Kohm,1%,1/16W,DA,TP,1608	R90	1
0.1	2007-008032	R-CHIP;750Kohm,1%,1/16W,DA,TP,1608	R71	1
0.1	2007-008228	R-CHIP;0.002OHM,5%,1W,DA,TP,6.35X3.28X0.	R66,R67	2
0.1	2007-008476	R-CHIP;442KOHM,1%,1/16W,DA,TP,1608	R34	1
0.1	2203-000206	C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	C17,C18,C19,C21, C82,C83	6
0.1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C46,C66,C92,C93, C94,C95	6
0.1	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	C20	1
0.1	2203-000405	C-CERAMIC,CHIP;0.18nF,5%,50V,NP0,TP,1608	C29,C32	2
0.1	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C101,C27,C28,C30 C31,C47,C48,C64, C65,C71	10
0.1	2203-000575	C-CERAMIC,CHIP;220NF,10%,25V,X7R,TP,2012	C97,C98	2
0.1	2203-000776	C-CERAMIC,CHIP;330pF,10%,50V,X7R,TP,1608	C72	1
0.1	2203-000932	C-CERAMIC,CHIP;470nF,20%,50V,Y5V,TP,3216	C73,C74	2
0.1	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	C70	1
0.1	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	C68	1
0.1	2203-005261	C-CERAMIC,CHIP;1000nF,10%,25V,X7R,TP,321	C15,C16,C36,C69 C75,C76,C79,C84 C85,C86,C87	11
0.1	2203-005368	C-CERAMIC,CHIP;4700NF,20%,25V,Y5V,TP,322	C100,C99	2
0.1	2203-005619	C-CERAMIC,CHIP;4700NF,10%,16V,X5R,TP,321	C45,C80,C96	3
0.1	2402-001125	C-POLYMER AL CHIP;15UF,20%,25V,-,TP,7.3X	C5,C6,C61,C63	4
0.1	2402-001168	C-POLYMER AL CHIP;330UF,20%,2.5V,WT,TP,7	C56,C57,C58,C59, C90,C91	6
0.1	2402-001170	C-POLYMER AL CHIP;150UF,20%,6V,WT,TP,7.3	C1,C2,C7,C8	4
0.1	2703-002042	INDUCTOR-SMD;1.0uH,20%,13x13x3.5mm	L5,L6	2
0.1	2703-002280	INDUCTOR-SMD;4.7UH,20%,6.47X6.86X3.0MM	L8	1
0.1	2703-002355	INDUCTOR-SMD;4.7UH,20%,6.3X6.0X3.0MM	L7	1
0.1	2703-002358	INDUCTOR-SMD;1.8UH,30%,10.3X10.3X4.5MM	L1,L2	2
0.1	3711-005018	CONNECTOR-HEADER;BOX,22P,2R,2MM,-,AUF,BL	J1	1

LEVEL	CODE	Description and Specification	Location	Q'ty
0.1	3711-005020	CONNECTOR-HEADER;NOWALL,42/40P,2R,2MM,ST	J2	1
0.1	BA41-10016A	PCB SUB;TAURUS,FR4,4,1.0,T1.2,100.509*21		1
0.1	BA61-00347A	PLATE-LOWER_DC/DC;TAURUS,CU,T0.3,W84,L60		1
0.1	BA62-00161A	INSULATION;TAURUS,PET,T0.080MM,W21.9MM,L		1
0.1	BA68-40005L	LABEL-BARCODE;COMPUTER,-,-,40*6,WHT,PB		1.3
0.1	2007-008248	R-CHIP;120 KOHM,1%,1/16W,1608,REEL,1608	R19	1

6-3-2 PCB

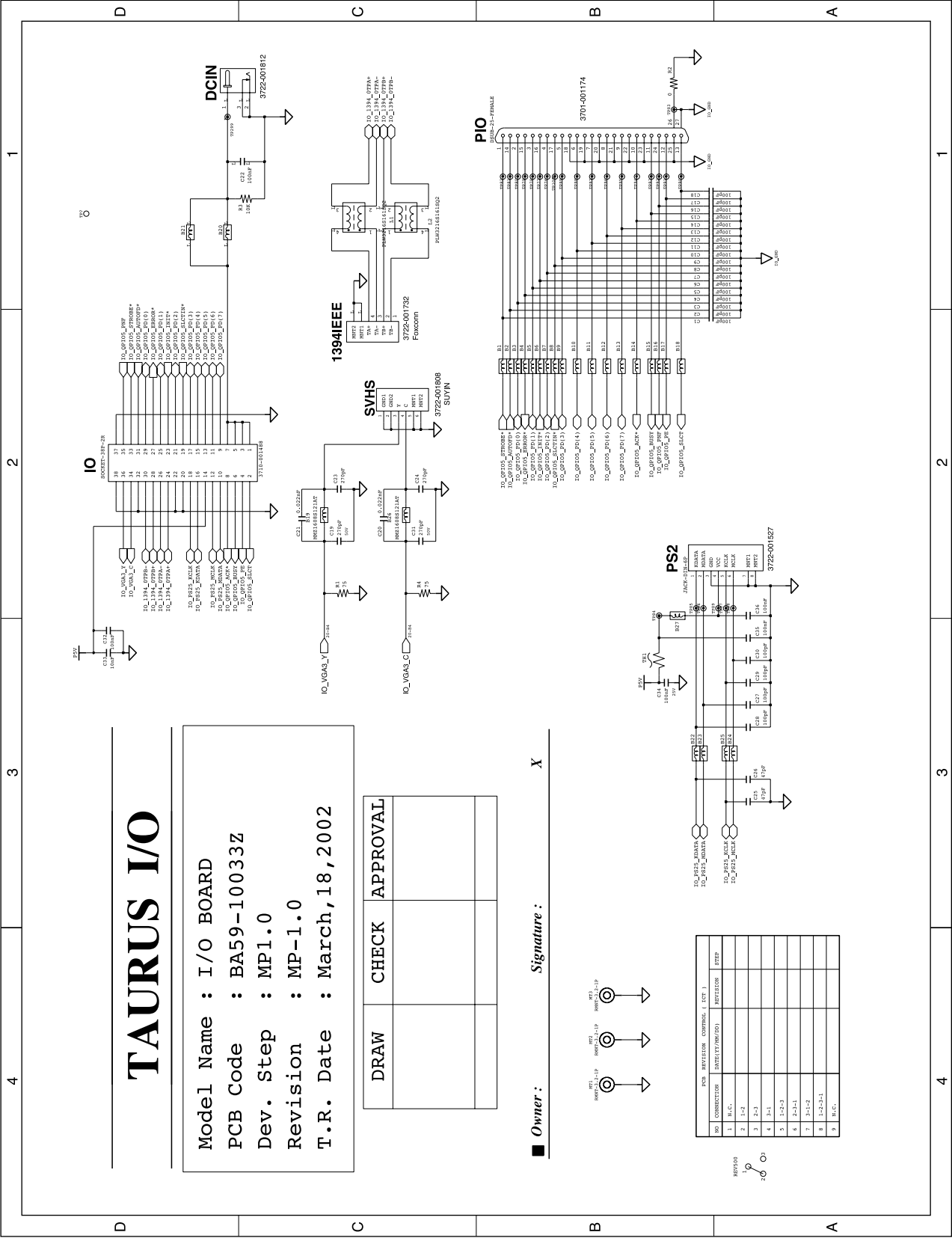


6-3-3 Parts List

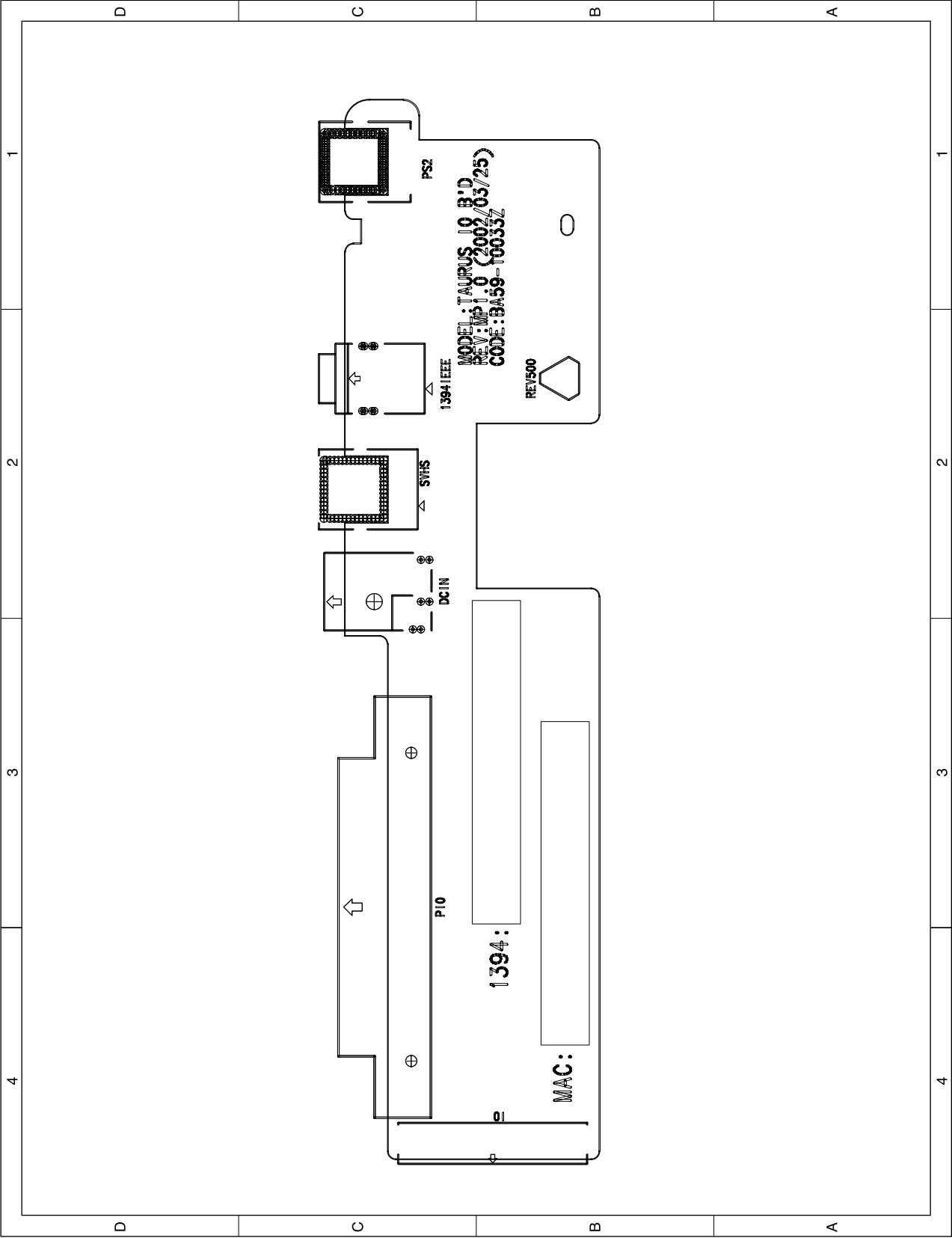
ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
1	0401-000191	sot23	4	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D500 D501 D502 D503
2	0601-000189	led_smd2	6	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	CAPS CD FDD HDD NUM SCROLL
3	2007-000070	r1608	1	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R500
4	2007-000090	r1608	5	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R501 R506 R507 R508 R509
5	2007-000138	r1005	6	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R900 R901 R902 R903 R904 R905
6	2203-000189	c1608	7	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C500 C501 C502 C902 U500 U501 U502
7	2203-000236	c1608	6	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C505 C506 C507 C508 C509 C510
8	2203-005061	c1005	2	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP,1005	C900 C901
9	3404-001052	skqgab	13	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SPST	DN500 INTERNET LT500 NEXT500 OUTLOOK PLAY500 PREV500 RT500 STOP500 UP500 USER VOLDN500 VOLUP500
10	3404-001114	evqqfv02k	1	sw-tact-4p, SWITCH-TACT;15VDC,20mA,130gf,6.8x6.2x2.0mm,SPST	PWRSW
11	3409-001095	fr2024	1	sw-tact-2p, SWITCH-REED;200V,0.5A,-,-	LIDSW
12	3708-001276	6239-012	1	fpc-12s-smd, CONNECTOR-FPC/FFC/PIC;12P,0.5mm,SMD-A,SN	TOUCHPAD1
13	3708-001532	fpc-kbd-24p	1	fpc-24s-smd-mnt, CONNECTOR-FPC/FFC/PIC;24P,1MM,SMD-A,SN	MAIN1
14	3711-000541	smda_conn2	1	head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25mm,SMD-A,SN	MIC1
15	3711-000922	53261-0490-4m	1	head-4s-1r-smd, CONNECTOR-HEADER;BOX,4P,1R,1.25mm,SMD-A,SN	USB2
16	3711-004317	53780-1490	1	head-14s-1r-smd, CONNECTOR-HEADER;BOX,14P,1R,1.25MM,SMD-A,AUF	LED14P
17	1003-001484	ssop48e	1	ht1621b, IC-LCD CONTROLLER;HT1621,-,48P,-,-,2.6MA,-,TSSOP	IC500
18	BA59-00809A	lcd-audio-11p	1	lcd-audio-11p, LCD PANEL;YDS34739AATP,TN,ICON TYPE,BLK/	LCD500
19	RMNT-2.8-1P	rmount_1p_2.8	3	mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT58 MT59 MT60
20	RMNT-4.5-1P	rmnt_1p_45_60	4	mount_hole, MOUNT HOLE;MOUNT HOLE,4.5mm,6.0mm,1P,REFLOW	MT61 MT62 MT63 MT64

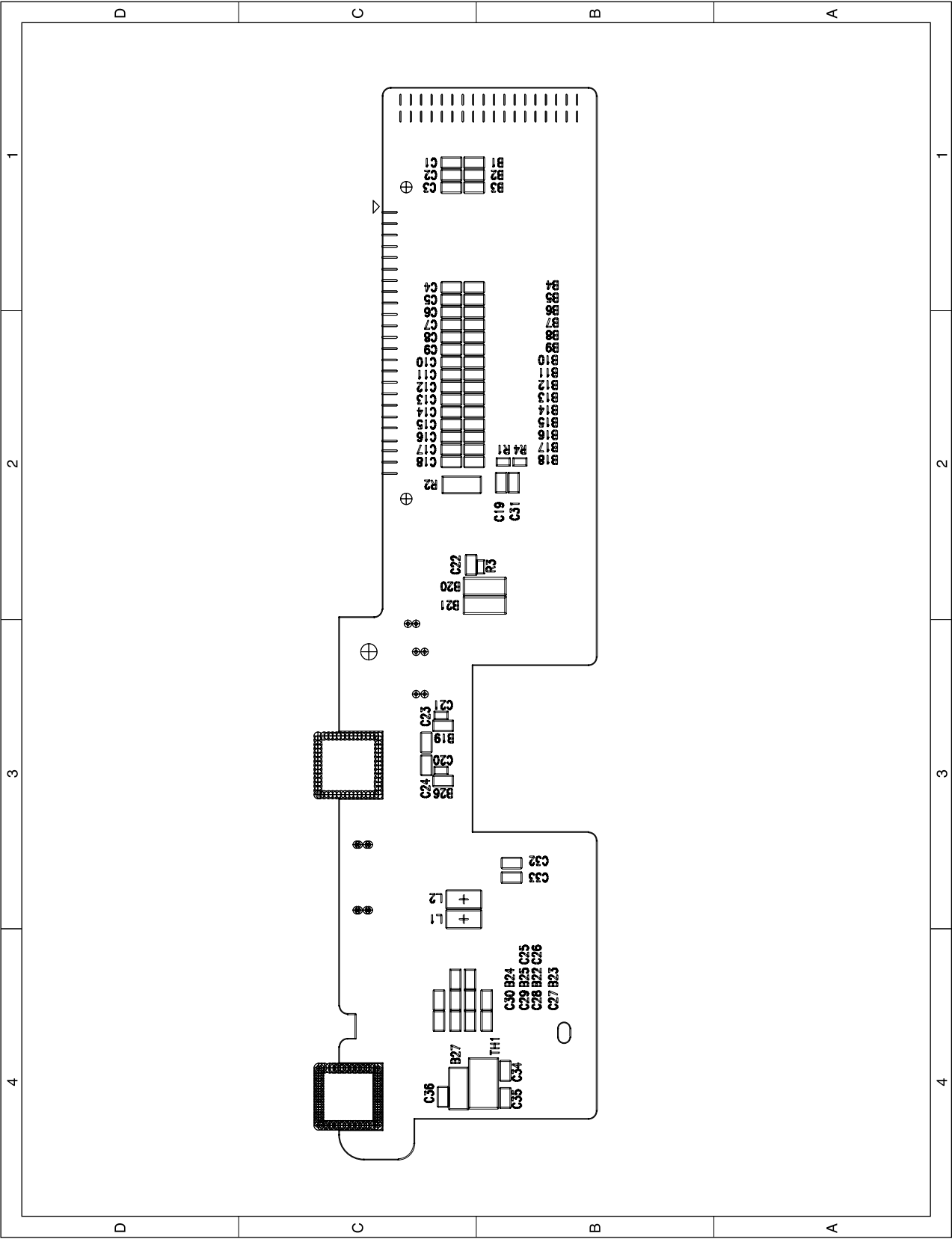
6-4 I/O Board

6-4-1 Schematic Diagrams



6-4-2 PCB SilkScreen





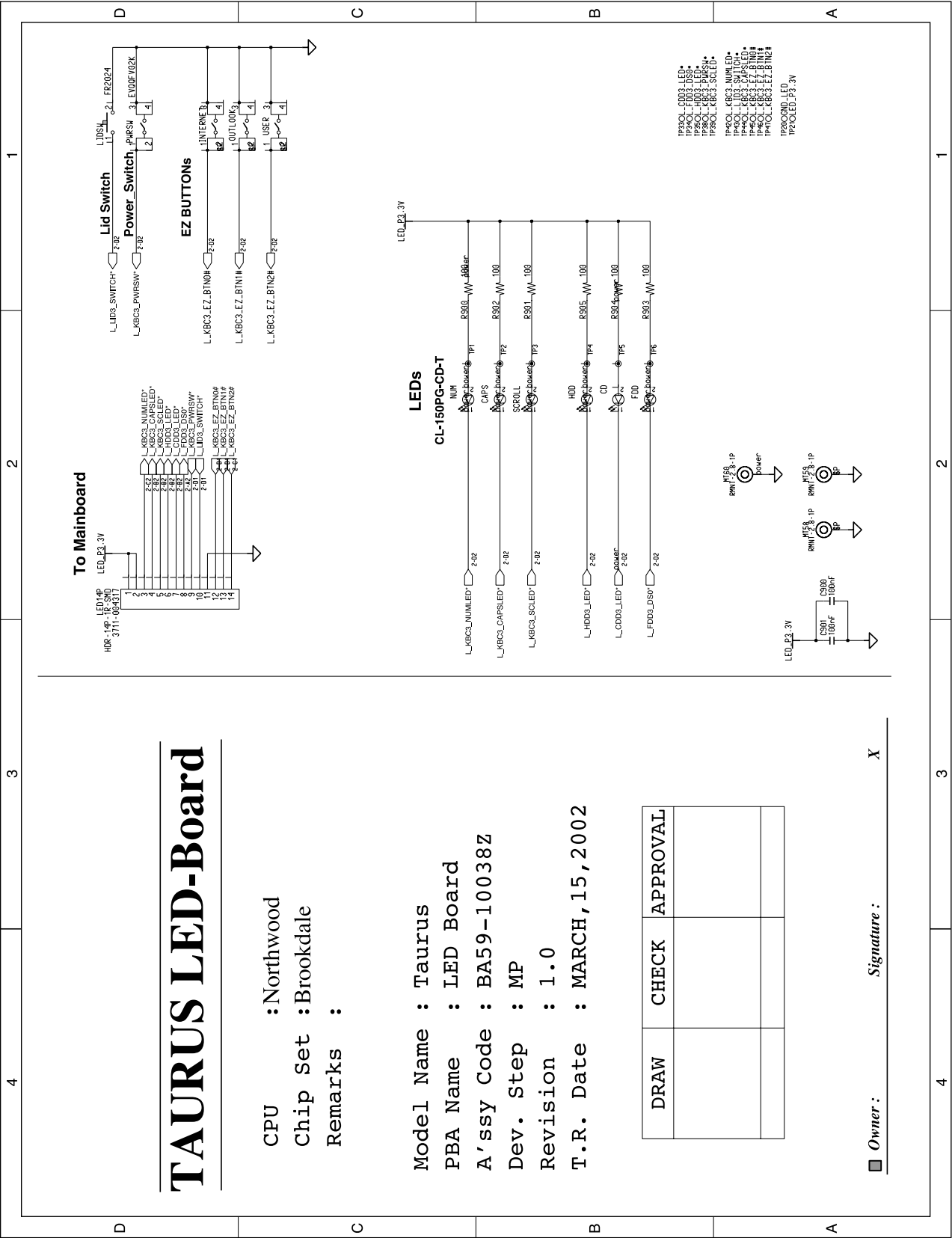
6-4-3 Parts List

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	1404-001089	fuse_smd4	1	therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH1
2	2007-000033	r3216	1	res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R2
3	2007-007009	r1005	2	res, R-CHIP;750HM,5%,1/16W,DA,TP,1005	R1 R4
4	2007-007142	r1005	1	res_t, R-CHIP;10Kohm,1%,1/16W,DA,TP,1005	R3
5	2203-000189	c1608	5	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C22 C32 C34 C35 C36
6	2203-000236	c1608	22	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C27 C28 C29 C30
7	2203-000257	c1608	1	ccap, C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C33
8	2203-000628	c1005	2	ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1005	C21C20
9	2203-000998	c1608	2	ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608	C26C25
10	2203-001408	c1608	4	ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C23 C24 C31 C19
11	3301-000314	b1608	24	bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B2 B3 B4 B5 B6 B1 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B22 B23 B24 B25 B26
12	3301-000322	b3216h	1	bead_core, CORE-FERRITE BEAD;AB,310HM,3.2X1.6X1.1MM,-,TP,FER	B27
13	3301-001162	b3216	2	bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	B21 B20
14	3701-001174	7536s-25g2t-06	1	dsub-25s-1r-f, CONNECTOR-DSUB;25P,2R,FEMALE,ANGLE,AUF	PIO
15	3710-001488	sgn-38p-127-a	1	sock-38z-2r, CONNECTOR-SOCKET;38P,2R,1.27mm,ANGLE(JUMP),AUF	IO
16	3722-001527	33005a-06t1-01	1	jack-din-6p-1, JACK-DIN;6P,-,SN,BLK,-	PS2
17	3722-001732	uv31413-4r1	1	ieee1394-4p-mnt, JACK-MODULAR;4P,STD(IEEE P1394A),Y,ANGLE,-,N,BLK,	1394IEEE
18	557108	33005a-04t1-01	1	jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	SVHS
19	611222	dc-jack-3p-b	1	jack-power-3p-a, JACK-DC POWER;-,-,3.15MM,SN,BLACK,-	DCIN
20	BA27-00018A	plw3216s	2	trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X	L2 L1
17	3722-001732	uv31413-4r1		ieee1394-4p-mnt, JACK-MODULAR;4P,STD(IEEE P1394A),Y,ANGLE,-,N,B	1394IEEE
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B1

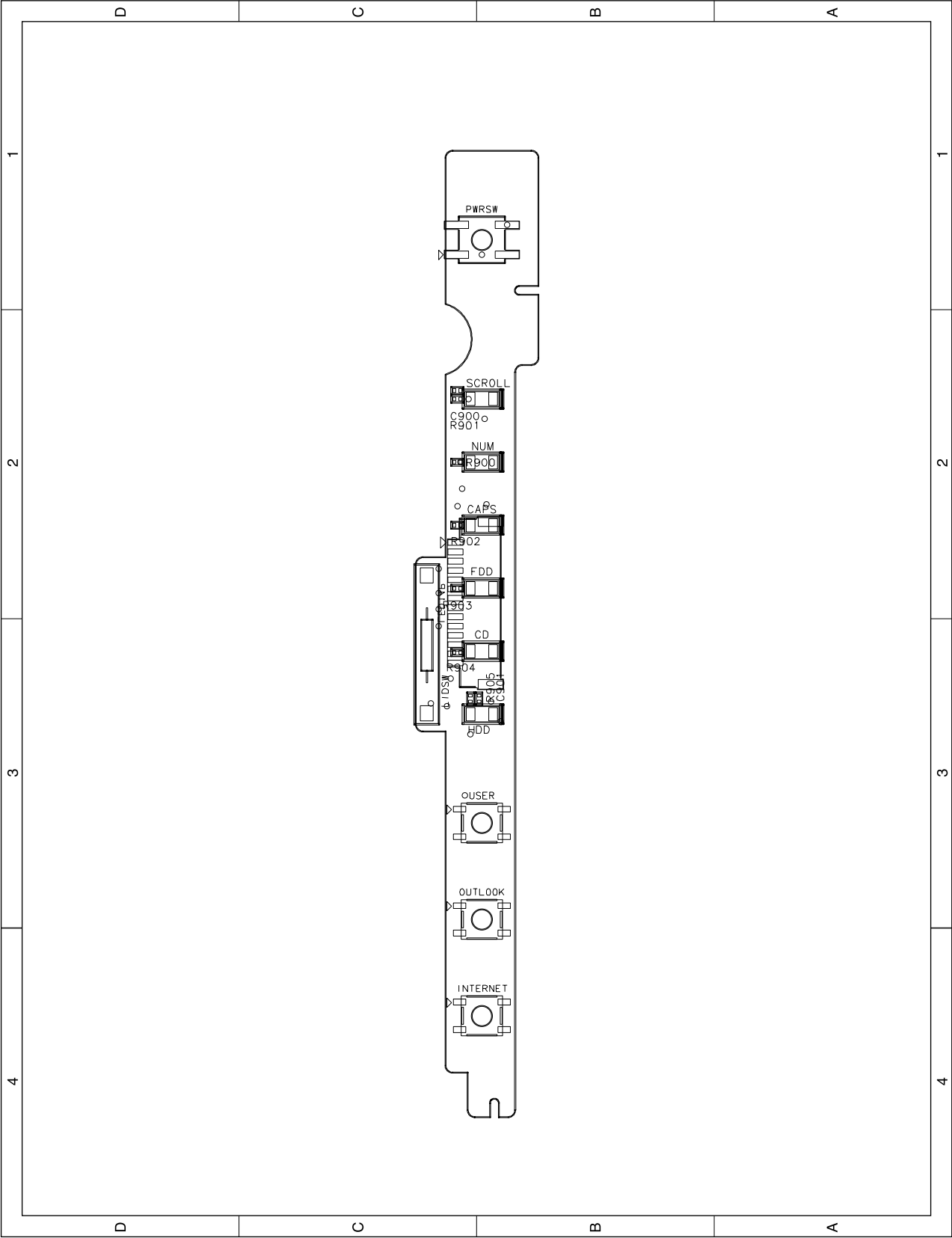
ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B2
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B3
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B4
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B5
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B6
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B7
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B8
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B9
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B10
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B11
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B12
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B13
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B14
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B15
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B16
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B17
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B18
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B19
13	3301-001162	b3216		bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	B20
13	3301-001162	b3216		bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	B21
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B22
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B23
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B24
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B25
11	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B26
12	3301-000322	b3216h		bead_core, CORE-FERRITE BEAD;AB,310HM,3.2X1.6X1.1MM,-,TP,FER	B27
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C1
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C2
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C3
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C4
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C5
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C6
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C7
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C8
6	2203-000236	c1608		cap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C9
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C10
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C11

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C12
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C13
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C14
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C15
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C16
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C17
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C18
10	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C19
8	2203-000628	c1005		ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1005	C20
8	2203-000628	c1005		ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1005	C21
5	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C22
10	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C23
10	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C24
9	2203-000998	c1608		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608	C25
9	2203-000998	c1608		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608C26	
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C27
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C28
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C29
6	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C30
10	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C31
5	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C32
7	2203-000257	c1608		ccap, C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C33
5	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C34
5	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C35
5	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C36
19	611222	dc-jack-3p-b		jack-power-3p-a, JACK-DC POWER;- ,3.15MM,SN,BLACK,-	DCIN
15	3710-001488	sgn-38p-127-a		sock-38z-2r, CONNECTOR-SOCKET;38P,2R,1.27mm,ANGLE(JUMP),AUF	IO
20	BA27-00018A	plw3216s		trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X	L1
20	BA27-00018A	plw3216s		trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X	L2
14	3701-001174	7536s-25g2t-06		dsub-25s-1r-f, CONNECTOR-DSUB;25P,2R,FEMALE,ANGLE,AUF	PIO
16	3722-001527	33005a-06t1-01		jack-din-6p-1, JACK-DIN;6P,-,SN,BLK,-	PS2
3	2007-007009	r1005		res, R-CHIP;750HM,5%,1/16W,DA,TP,1005	R1
2	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R2
4	2007-007142	r1005		res_t, R-CHIP;10Kohm,1%,1/16W,DA,TP,1005	R3
3	2007-007009	r1005		res, R-CHIP;750HM,5%,1/16W,DA,TP,1005	R4
18	557108	33005a-04t1-01		jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	SVHS
1	1404-001089	fuse_smd4		therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH1

6-5-1 Schematic Diagrams



6-5-2 PCB SilkScreen



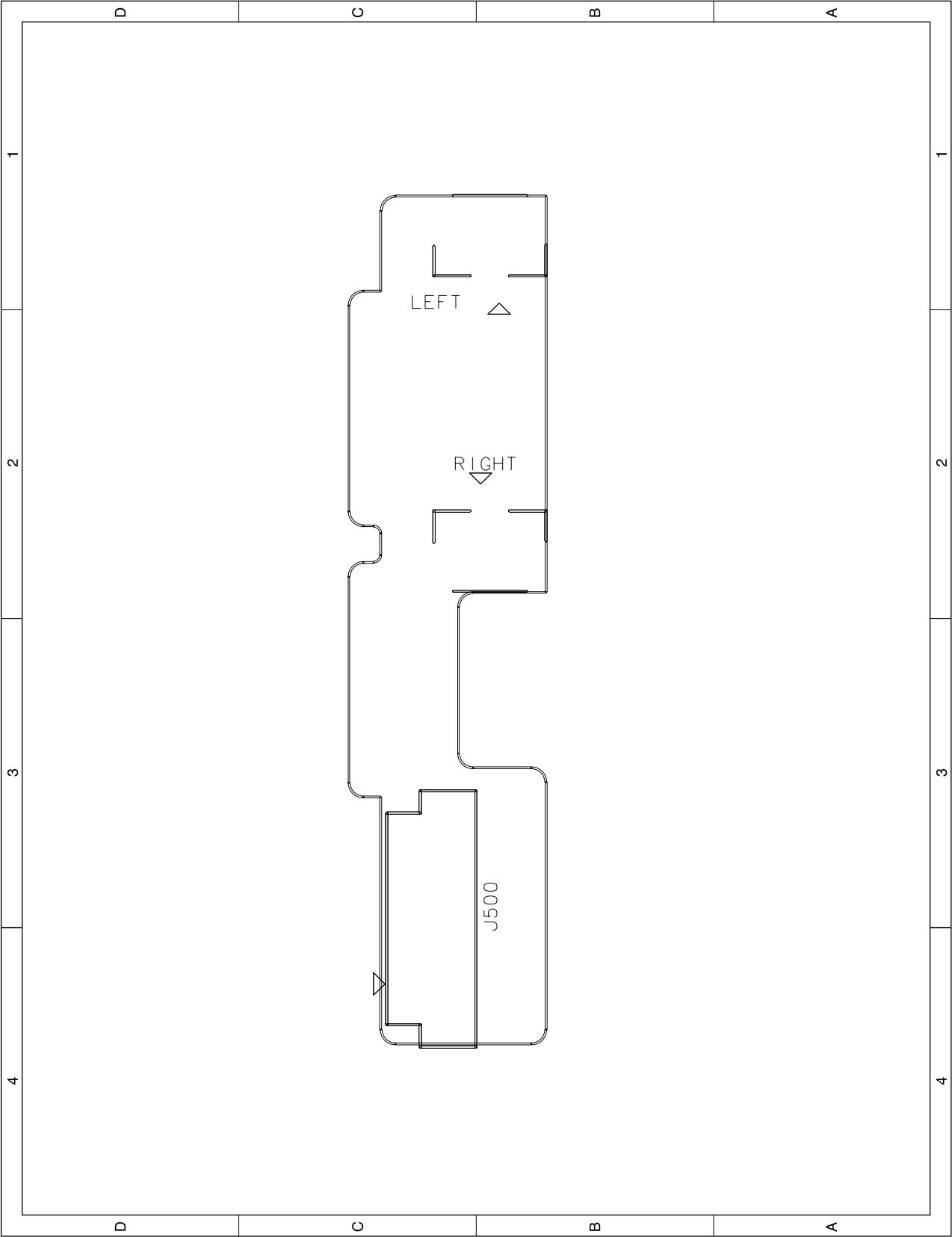
6-5-3 Parts List

ITEM	PART NO	GEOMETRY	DESCRIPTION	REFERENCE
6	2203-000189	c 1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C500
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C501
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C502
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C505
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C506
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C507
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C508
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C509
7	2203-000236	c1608	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C510
8	2203-005061	c1005	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP,1005	C900
8	2203-005061	c1005	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP,1005	C901
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C902
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	CAPS
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	CD
1	0401-000191	sot23	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D500
1	0401-000191	sot23	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D501
1	0401-000191	sot23	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D502
1	0401-000191	sot23	diode, DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-23,TP	D503
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	DN500
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	FDD
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	HDD
17	585829	ssop48e	ht1621b, IC-LCD CONTROLLER;HT1621,-,48P,-,-,2.6MA,-,TSS	IC500
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	INTERNET
18	588192	lcd-audio-11p	lcd-audio-11p, LCD PANEL;YDS34739AATP,TN,ICON TYPE,BLK/	LCD500
16	3711-004317	53780-1490	head-14s-1r-smd, CONNECTOR-HEADER;BOX,14P,1R,1.25MM,SMD	LED14P
11	3409-001095	fr2024	sw-tact-2p, SWITCH-REED;200V,0.5A,-,-	LIDSW
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	LT500
13	3708-001532	fpc-kbd-24p	fpc-24s-smd-mnt, CONNECTOR-FPC/FFC/PIC;24P,1MM,SMD-A,SN	MAIN1
14	3711-000541	smda_conn2	head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25mm,SMD-A,	MIC1
19	RMNT-2.8-1P	rmount_1p_2.8	mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT58
19	RMNT-2.8-1P	rmount_1p_2.8	mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT59
19	RMNT-2.8-1P	rmount_1p_2.8	mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT60
20	RMNT-4.5-1P	rmnt_1p_45_60	mount_hole, MOUNT HOLE;MOUNT HOLE,4.5mm,6.0mm,1P,REFLOW	MT61
20	RMNT-4.5-1P	rmnt_1p_45_60	mount_hole, MOUNT HOLE;MOUNT HOLE,4.5mm,6.0mm,1P,REFLOW	MT62
20	RMNT-4.5-1P	rmnt_1p_45_60	mount_hole, MOUNT HOLE;MOUNT HOLE,4.5mm,6.0mm,1P,REFLOW	MT63
20	RMNT-4.5-1P	rmnt_1p_45_60	mount_hole, MOUNT HOLE;MOUNT HOLE,4.5mm,6.0mm,1P,REFLOW	MT64
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	NEXT500

ITEM	PART NO	GEOMETRY	DESCRIPTION	REFERENCE
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	NUM
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	OUTLOOK
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	PLAY500
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	PREV500
10	3404-001114	evqqfv02k	sw-tact-4p, SWITCH-TACT;15VDC,20mA,130gf,6.8x6.2x2.0mm,	PWRSW
3	2007-000070	r1608	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R500
4	2007-000090	r1608	res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R501
4	2007-000090	r1608	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R506
4	2007-000090	r1608	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R507
4	2007-000090	r1608	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R508
4	2007-000090	r1608	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R509
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R900
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R901
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R902
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R903
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R904
5	2007-000138	r1005	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1005	R905
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	RT500
2	0601-000189	led_smd2	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	SCROLL
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	STOP500
12	3708-001276	6239-012	fpc-12s-smd, CONNECTOR-FPC/FFC/PIC;12P,0.5mm,SMD-A,SN	TOUCHPAD1
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	U500
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	U501
6	2203-000189	c1608	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	U502
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	UP500
15	3711-000922	53261-0490-4m	head-4s-1r-smd, CONNECTOR-HEADER;BOX,4P,1R,1.25mm,SMD-A	USB2
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	USER
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	VOLDN500
9	3404-001052	skqgab	sw-tact-4p, SWITCH-TACT;12V,50mA,160gf,5.2x5.2x0.8mm,SP	VOLUP500

6-6-1 Schematic Diagrams

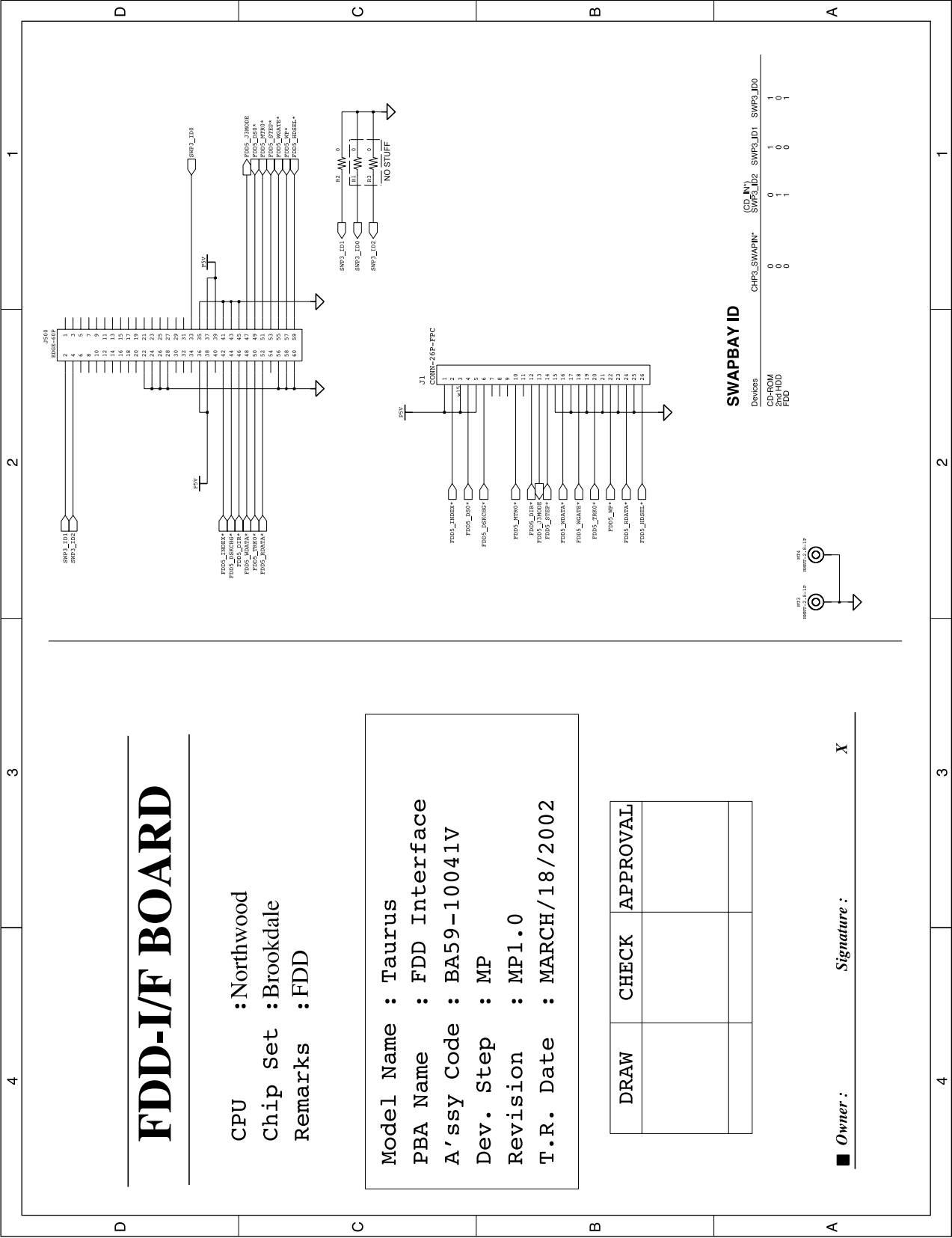
6-6-2 PCB Silk



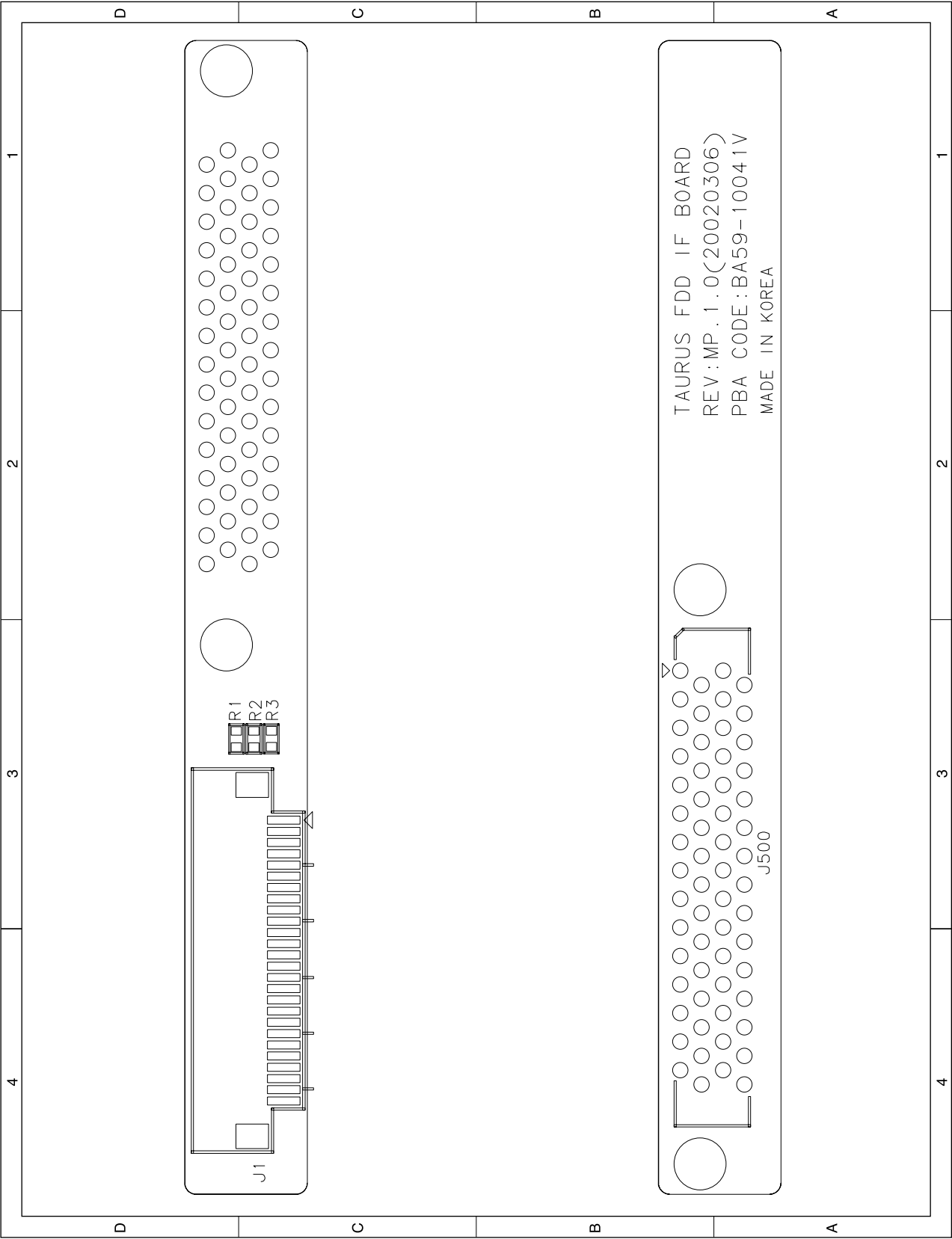
6-6-3 Parts List

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	0601-000189	led_smd2	1	led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	POWERON
2	0601-000278	led_smd4	1	led4, LED;CHIP,YEL-P/GRN,2.7x2.0mm,589/5	ADAPTER
3	2007-000074	r1608	1	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1608	R1
4	2007-000075	r1608	1	res, R-CHIP;220ohm,5%,1/16W,DA,TP,1608	R2
5	3711-003688	53398-0890-8m	1	head-8s-1r-smd-mnt, CONNECTOR-HEADER;3WALL,8P,1R,1.25mm,SMD-S,SN	J500
6	3711-004318	53780-0290	2	head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25MM,SMD-A,AUF	LEFT RIGHT
2	0601-000278	led_smd4		led4, LED;CHIP,YEL-P/GRN,2.7x2.0mm,589/5	ADAPTER
5	3711-003688	53398-0890-8m		head-8s-1r-smd-mnt, CONNECTOR-HEADER;3WALL,8P,1R,1.25mm,SMD-S,SN	J500
6	3711-004318	53780-0290		head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25MM,SMD-A,AUF	LEFT
1	0601-000189	led_smd2		led, LED;CHIP,P/GRN,1.6x2.0mm,557nm	POWERON
3	2007-000074	r1608		res, R-CHIP;100ohm,5%,1/16W,DA,TP,1608	R1
4	2007-000075	r1608		res, R-CHIP;220ohm,5%,1/16W,DA,TP,1608	R2
6	3711-004318	53780-0290		head-2s-1r-smd, CONNECTOR-HEADER;BOX,2P,1R,1.25MM,SMD-A,AUF	RIGHT

6-7-1 Schematic Diagrams



6-7-2 PCB SilkScreen



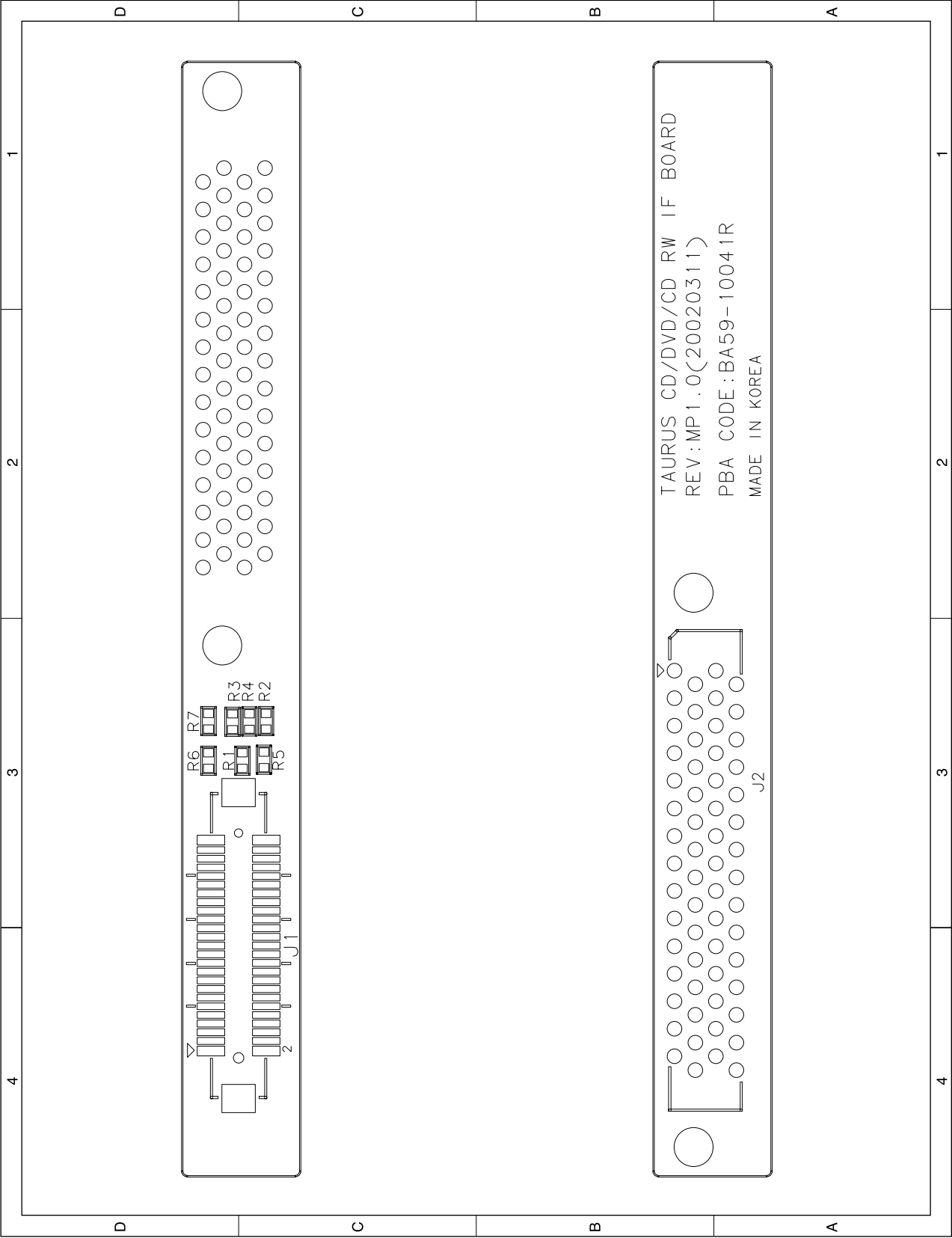
6-7-3 Parts List

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	2007-000070	r1608	3	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R1 R2 R3 (R1,R3 No Stuff)
2	3708-001056	52207-2617-26p	1	fpc-26s-smd, CONNECTOR-FPC/FFC/PIC;26P,1.0mm,ANGLE,SN	J1
3	3709-000154	8913-060-178sx-a	1	edge-60p, CONNECTOR-CARD EDGE;60P,1.27mm,STRAIGHT,AUF	J500
2	3708-001056	52207-2617-26p		fpc-26s-smd, CONNECTOR-FPC/FFC/PIC;26P,1.0mm,ANGLE,SN	J1
3	3709-000154	8913-060-178sx-a		edge-60p, CONNECTOR-CARD EDGE;60P,1.27mm,STRAIGHT,AUF	J500
1	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R2

6-8-1 Schematic Diagrams



6-8-2 PCB SilkScreen



6-8-3 Parts List

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	2007-000070	r1608	5	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R2 R3 R4 R6 R7 (R3,R4,R6,R7 No Stuff))
2	2007-000078	r1608	1	res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R5
3	2007-000090	r1608	1	res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R1
4	3709-000154	8913-060-178sx-a	1	edge-60p, CONNECTOR-CARD EDGE;60P,1.27mm,STRAIGHT,AUF	J2
5	3710-001152	kx14-50k1d	1	sock-50z-2r-smd-mnt, CONNECTOR-SOCKET;50P,2R,0.8mm,SMD-S,AUF	J1
5	3710-001152	kx14-50k1d		sock-50z-2r-smd-mnt, CONNECTOR-SOCKET;50P,2R,0.8mm,SMD-S,AUF	J1
4	3709-000154	8913-060-178sx-a		edge-60p, CONNECTOR-CARD EDGE;60P,1.27mm,STRAIGHT,AUF	J2
3	2007-000090	r1608		res, R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	R1
1	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R2
2	2007-000078	r1608		res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R5

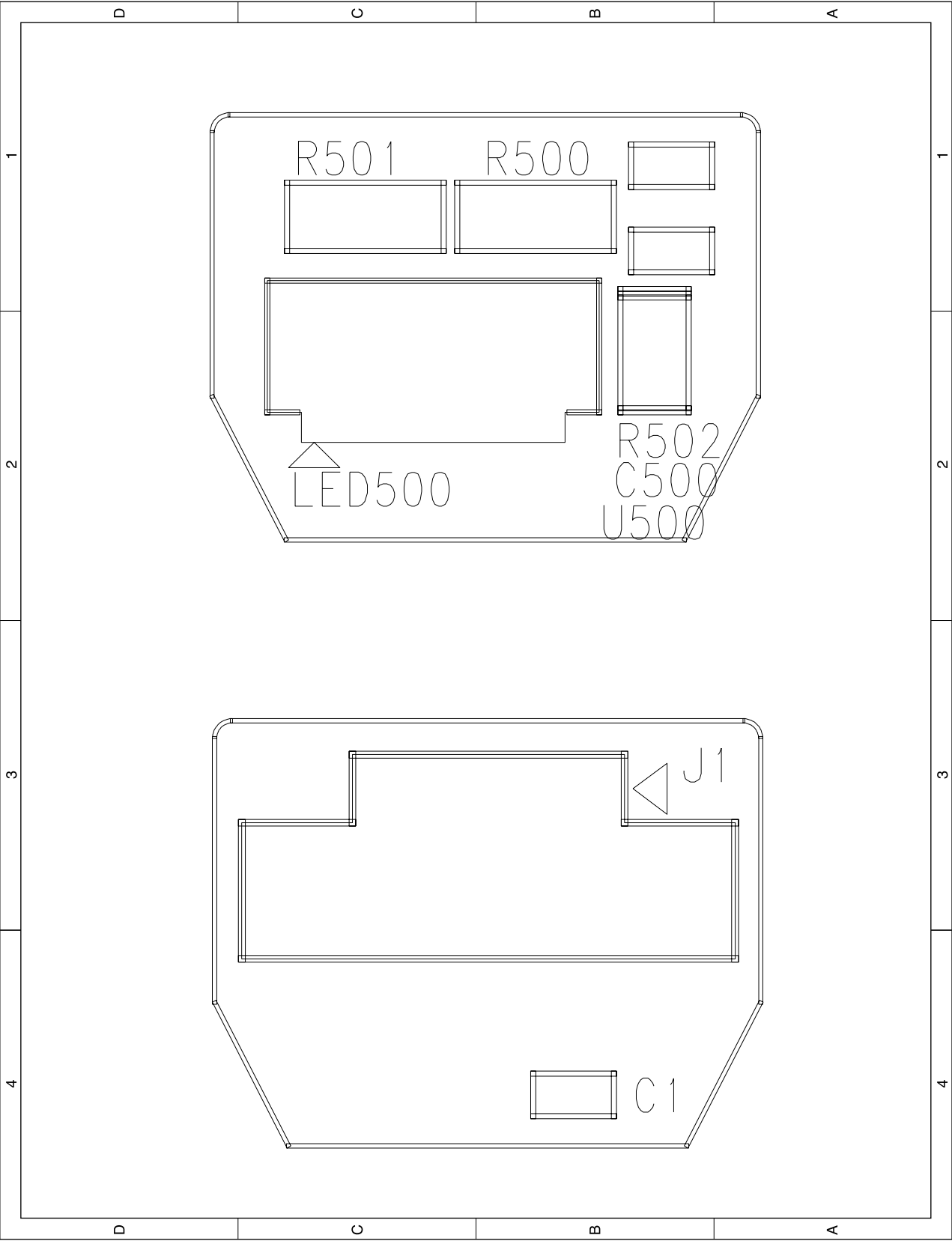
6-9-3 Parts List

ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	2007-000070	r1608	3	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R2 R6 R7 (R7 No Stuff)
2	2007-000078	r1608	2	res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R4 R5
3	2007-000090	r1608	1	res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R3
4	2203-000189	c1608	1	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C2
5	2404-000256	tc7343	1	tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	C1
6	3711-003049	20014a-44	1	head-44z-2r, CONNECTOR-HEADER;NOWALL,44P,2R,2MM,ANGLE,AU15U,BL	J2
7	3711-003463	8911-060-178lx	1	head-60c-3r-mnt, CONNECTOR-HEADER;BOX,60P,2R,-,ANGLE,AU30U	J1
8	RMNT-2.8-1P	rmount_1p_2.8	2	mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT1 MT2
5	2404-000256	tc7343		tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	C1
4	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C2
7	3711-003463	8911-060-178lx		head-60c-3r-mnt, CONNECTOR-HEADER;BOX,60P,2R,-,ANGLE,AU30U	J1
6	3711-003049	20014a-44		head-44z-2r, CONNECTOR-HEADER;NOWALL,44P,2R,2MM,ANGLE,AU15U,BL	J2
8	RMNT-2.8-1P	rmount_1p_2.8		mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT1
8	RMNT-2.8-1P	rmount_1p_2.8		mount_hole, MOUNT HOLE;MOUNT HOLE,6.0mm,2.8mm,1P,REFLOW	MT2
1	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R2
3	2007-000090	r1608		res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R3
2	2007-000078	r1608		res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R4
2	2007-000078	r1608		res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R5
1	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R6

6-10-1 Schematic Diagrams



6-10-2 PCB SilkScreen

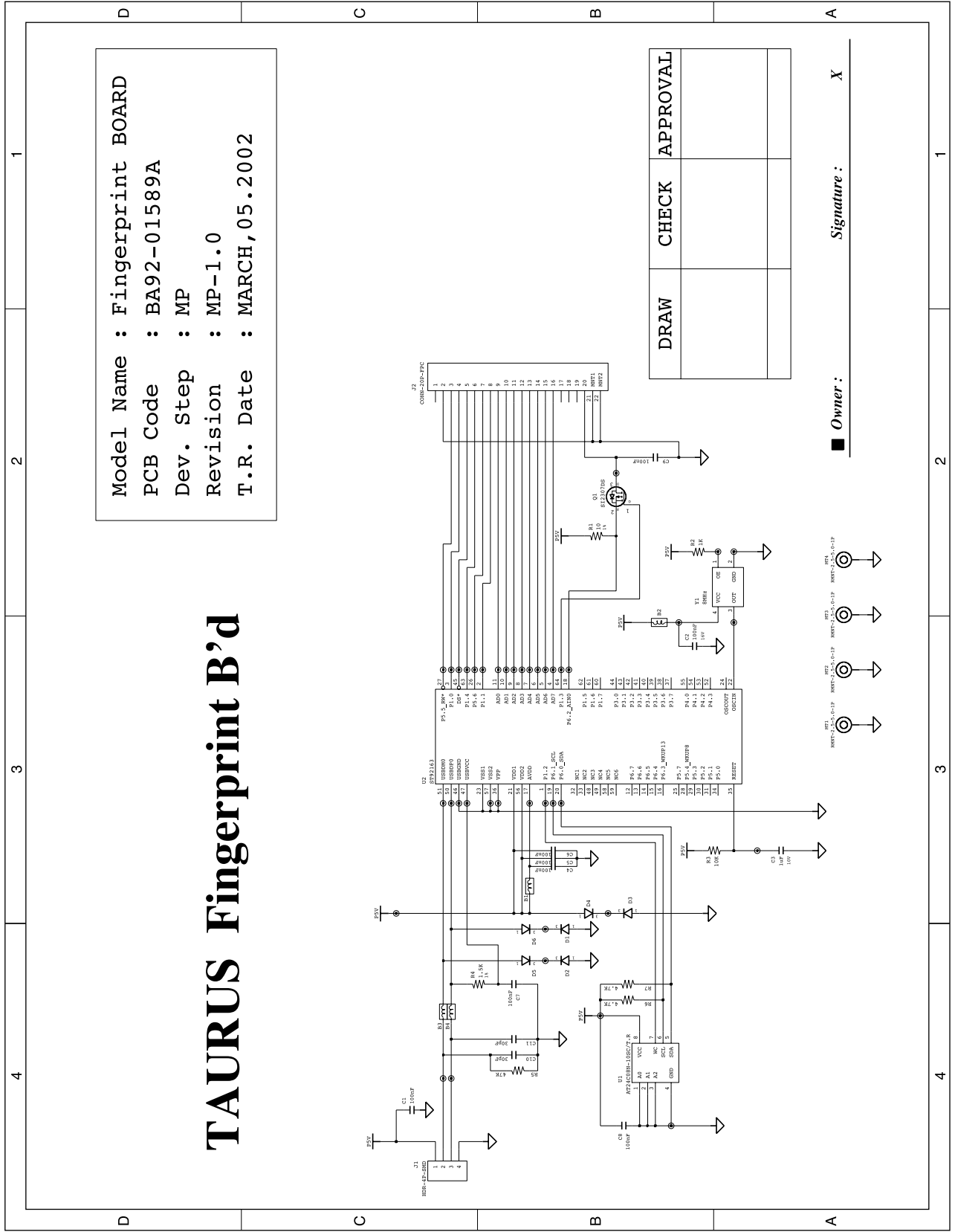


6-10-3 Parts List

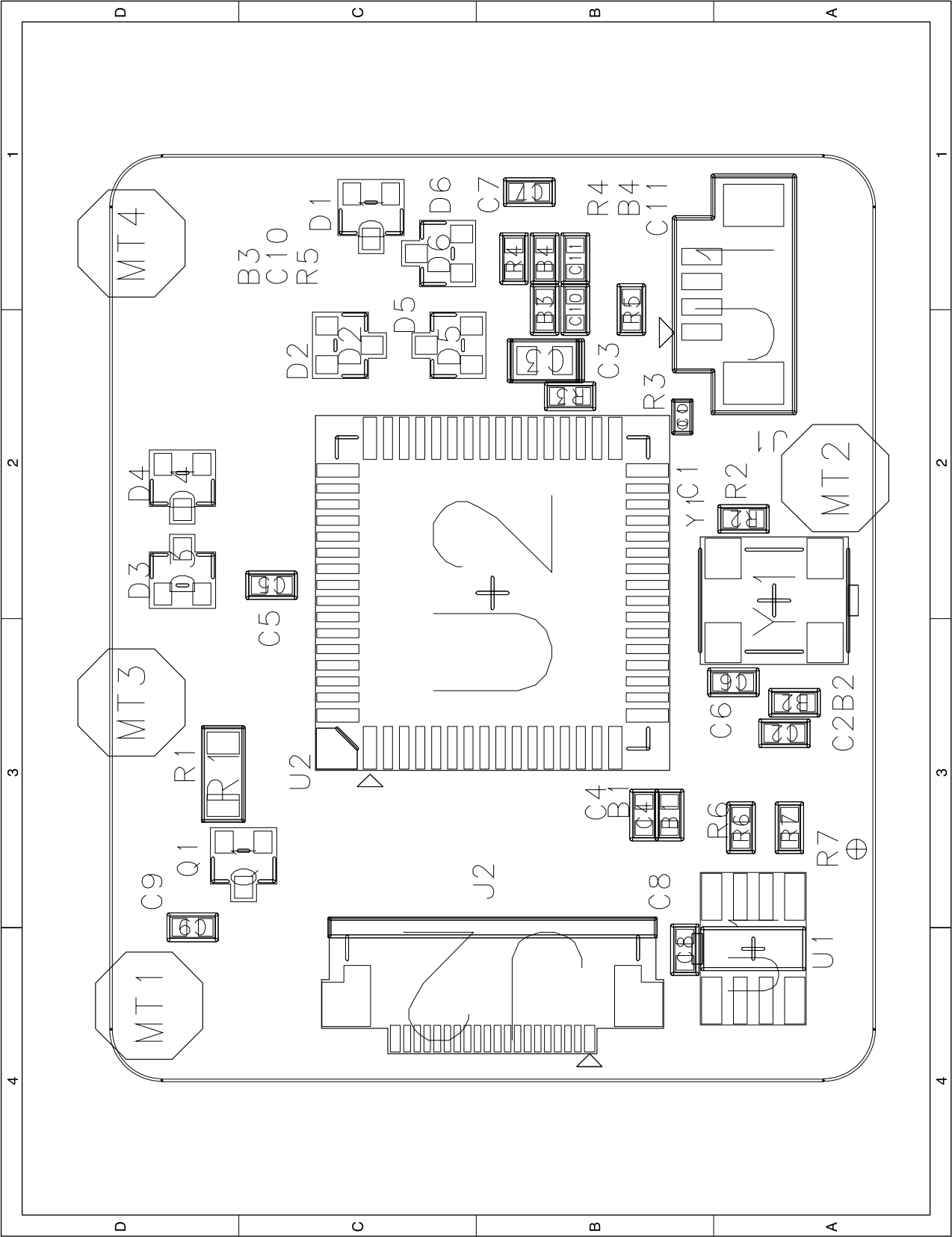
ITEM	PART NO	GEOMETRY	COUNT	DESCRIPTION	REFERENCE
1	0604-001156	photo-irda-8p-a-s	1	photo-irda-8p-a	LED500
2	2007-000071	r1608	1	res	R502
3	2007-002740	r3216	1	res_t	R501
4	2007-007158	r3216	1	res_t	R500
5	2203-000189	c1608	1	ccap_v	C1
6	2203-000236	c1608	1	ccap	C500
7	2203-005198	c2012	1	ccap_v	U500
8	3711-000551	smda_conn6	1	head-6s-1r-smd-mnt	J1
5	2203-000189	c1608		ccap_v	C1
6	2203-000236	c1608		ccap	C500
8	3711-000551	smda_conn6		head-6s-1r-smd-mnt	J1
1	0604-001156	photo-irda-8p-a-s		photo-irda-8p-a	LED500
4	2007-007158	r3216		res_t	R500
3	2007-002740	r3216		res_t	R501
2	2007-000071	r1608		res	R502
7	2203-005198	c2012		ccap_v	U500
1	BA39-00271A	6P Black		95mm	Haness

6-11 Finger Print Board

6-11-1 Schematic Diagrams



6-11-2 PCB SilkScreen



6-11-3 Parts List

LEVEL	CODE	Description and Specification	Location	Q'ty	
0.1	0404-000114	DIODE-SCHOTTKY;MMBD301LT1,30V,-,SOT-23,T	D1,D2,D3,D4,D5,D6	6	V
0.1	0505-001341	FET-SILICON;SI2307DS,P,-30V,-3A,0.08/0.1	Q1	1	V
0.1	1103-001271	IC-EEPROM;M24C64,64KBIT,SOP,8P,150MIL,-,	U1	1	V
0.1	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R2	1	V
0.1	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	R6,R7	1	V
0.1	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R3	1	V
0.1	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	R5	1	V
0.1	2007-000239	R-CHIP;1.5Kohm,1%,1/16W,DA,TP,1608	R4	1	V
0.1	2007-001258	R-CHIP;10OHM,1%,1/8W,DA,TP,3216	R1	1	V
0.1	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	C4,C5,C6,C7,C8,C9	6	V
0.1	2203-001628	C-CERAMIC,CHIP;0.03nF,5%,50V,NP0,TP,1608	C10,C11	2	V
0.1	2203-005061	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP,	C1	1	V
0.1	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	C2	1	V
0.1	2203-005198	C-CERAMIC,CHIP;1uF,10%,10V,X5R,TP,2012,-	C3	1	V
0.1	2804-001438	OSCILLATOR-CLOCK;8MHZ,100PPM,CMOS,TP,5V,	Y1	1	V
0.1	3301-000314	CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8m	B3,B4	2	V
0.1	3301-000373	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8m	B1,B2	2	V
0.1	3708-001069	CONNECTOR-FPC/FFC/PIC;20P,0.5mm,SMD-A,SN	J10	1	V
0.1	3711-000922	CONNECTOR-HEADER;BOX,4P,1R,1.25mm,SMD-A,	J1	1	V
0.1	BA39-00281A	CBF HARNESS;TAURUS,-,-,4P,L110MM,WHITE,-	4P HARNESS	1	S
0.1	BA41-00265A	FPC;FINGER_FFC,1.0(62.5MM),FFC,20P,0.3	CABLE	1	S
0.1	BA59-00748A	MODULE-FINGERPRINT;MATRIX II PLUS,TCS1AA	CENSOR	1	S
0.1	BA61-00303A	HOLDER-FINGER;TAURUS,PC+ABS,T1.2,-,27*40	HOLDER FINGER	1	S
0.1	BA68-40005L	LABEL-BARCODE;COMPUTER,-,-,40*6,WHT,PB	LABEL	1.3	S
0.1	BA41-00304A	PCB SUB-FINGERPRINT;TAURUS,-,4,1.0,T1.2,	F/PRINT BOARD	1	V
0.1	BA69-00425A	BAG PE-FINGER;TAURUS,LD-PE,T0.125,L95MM,	PE BAG	1	S
0.1	0904-001683	IC-USC;TCT163T1E0011,8BIT,TQFP,64P,551MI	U2	1	V

6-12 Memory Stick Board

6-12-1 Schematic Diagrams

CPU :
Chip Set :W81386D
Remarks :

Model Name : SMB-2000W
PBA Name : BA92-01612A
PCB Code : BA41-00298A
Dev. Step :
Revision : 3
T.R. Date :

DRAW	CHECK	APPROVAL

TP2C2122eFIP6
TP1C1127eFIP4
TP3C3147eFIP5

Reference chips Under 100eF

PCB REVISION CONTROL (ICT)			
NO	CONNECTION	DATE(Y/Y/M/M/DD)	REVISION STEP
1	N.C.	2001/12/	1.0 PV
2	1-2	2002/02/04	1.0 PR
3	2-3	2002/03/12	1.0 MP
4	3-1		
5	1-2-3		
6	N.C.		
7	1-2		
8	2-3		
9	3-1		
10	1-2-3		

REV1
b
20-03

AURA

D

C

B

A

1

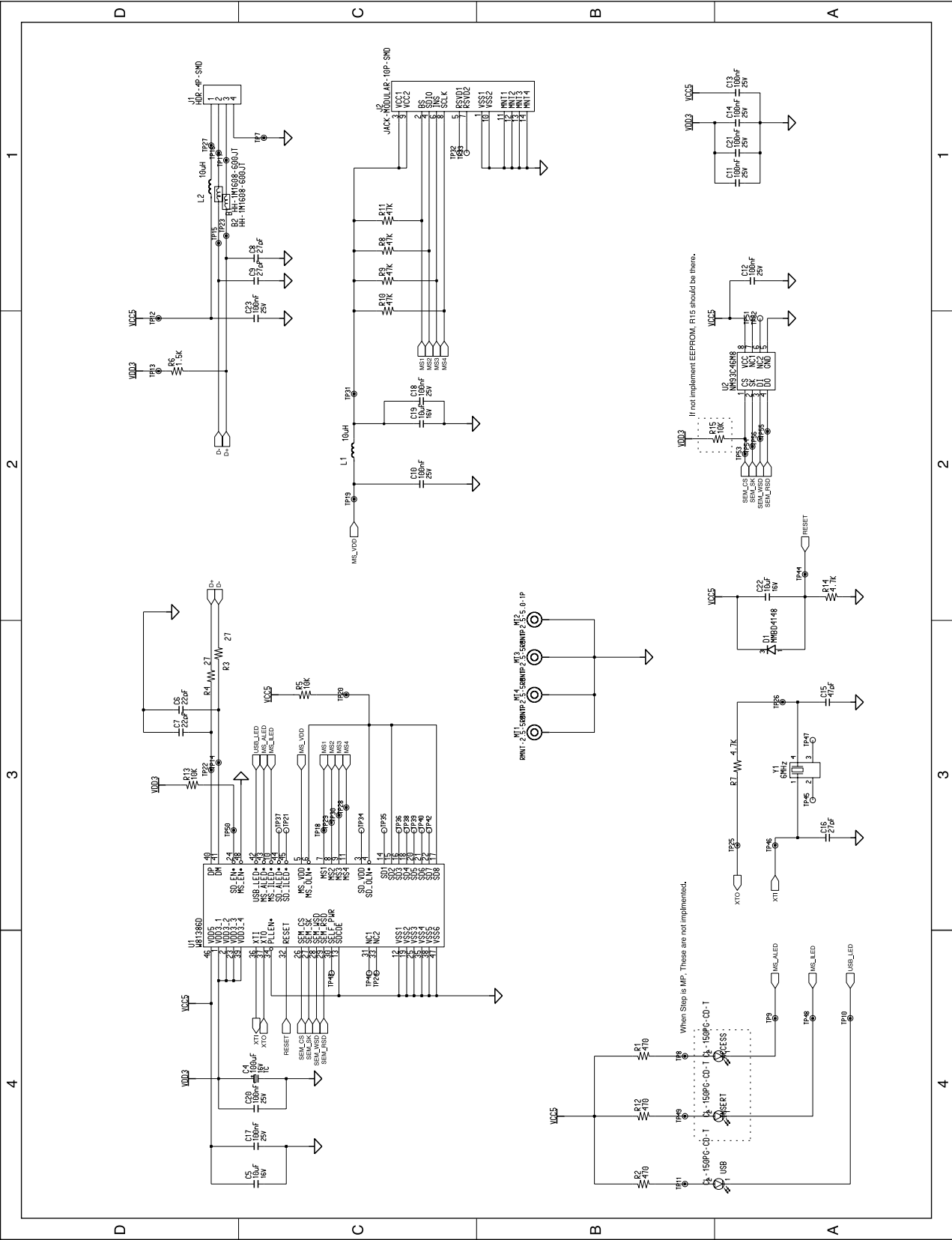
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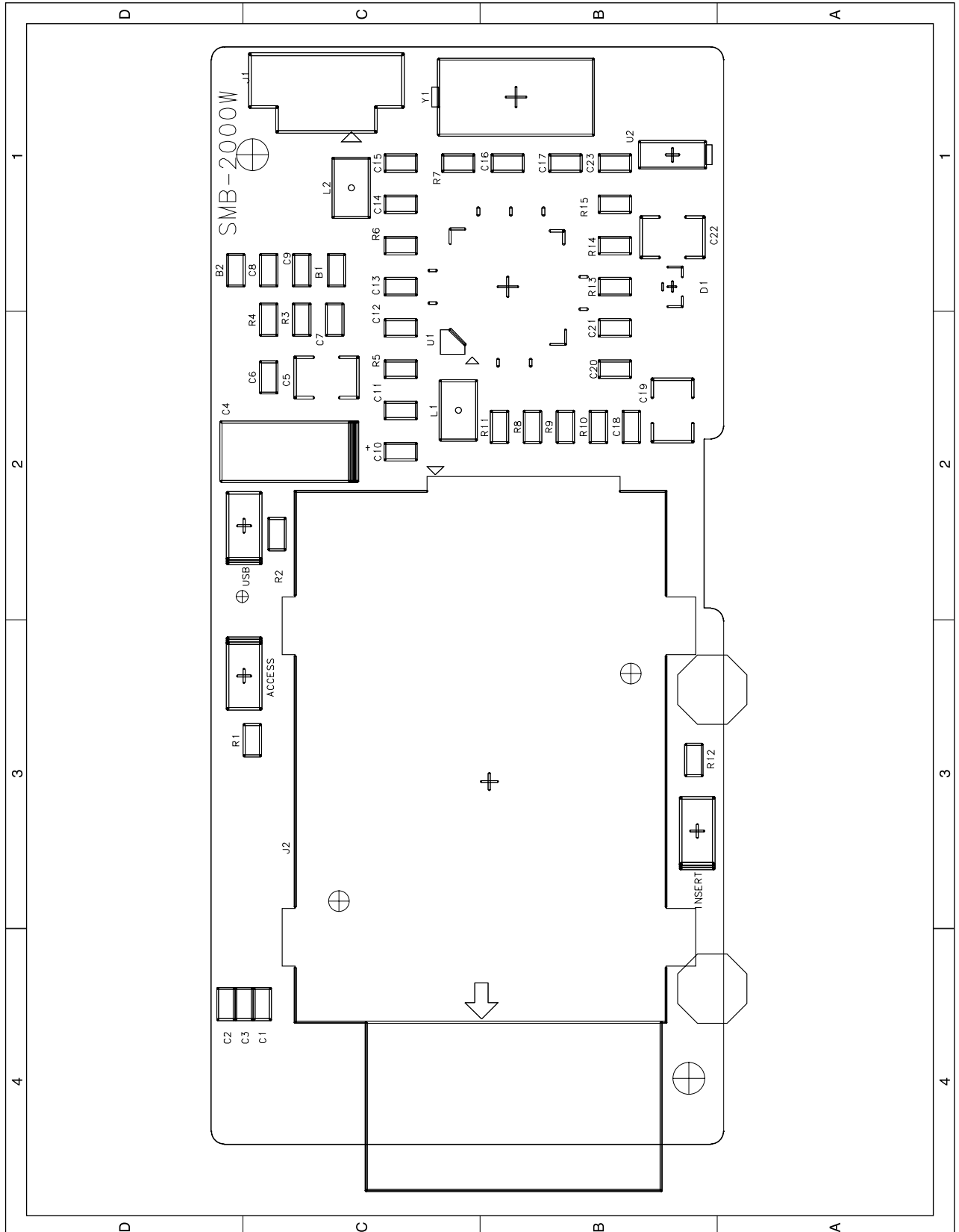
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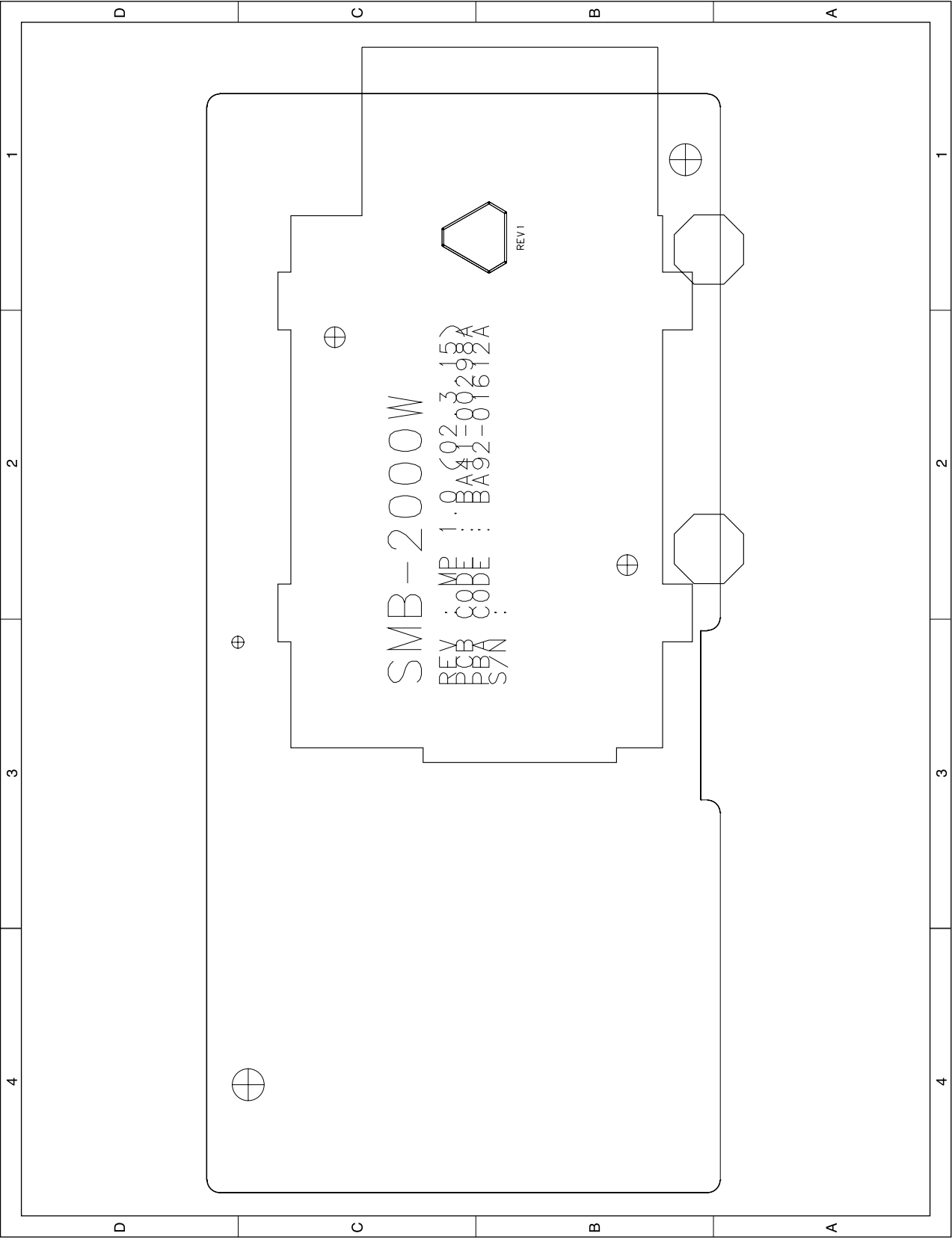
SENS P10

6-219



6-12-2 PCB SilkScreen





6-12-3 Parts List

LEVEL	CODE	Description and Specification	Location	Q'ty	
0.1	0401-000191	DIODE-SWITCHING;MMBD4148,75V,200MA,SOT-2	D1	1	V
0.1	0601-000189	LED;CHIP,P/GRN,1.6x2.0mm,557nm	USB	1	V
0.1	1003-001491	IC-MEMORY DRIVER;W81386D,LQFP,48P,7X7MM,	U1	1	V
0.1	1103-001053	IC-EEPROM;93C46,64x16BIT,SOP,8P,150MIL,1	U2	1	V
0.1	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	R1,R12,R2	3	V
0.1	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	R14,R7	2	V
0.1	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R13,R5	2	V
0.1	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	R10,R11,R8,R9	4	V
0.1	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	R6	1	V
0.1	2007-000659	R-CHIP;27ohm,5%,1/16W,DA,TP,1608	R3,R4	2	V
0.1	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	C10,C11,C12,C13, C14,C17,C18,C20, C21,C23	10	V
0.1	2203-000298	C-CERAMIC,CHIP;10uF,+80-20%,16V,Y5V,TP,3	C19,C22,C5	3	V
0.1	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	C2,C6,C7	3	V
0.1	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	C1,C16,C8,C9	4	V
0.1	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,160	C15,C3	2	V
0.1	2404-001075	C-TA,CHIP;100UF,20%,16V,GP,TP,7343	C4	1	V
0.1	2703-000127	INDUCTOR-SMD;10uH,5%,2.5x3.2x2.2mm	L1,L2	2	V
0.1	2801-003689	CRYSTAL-SMD;6MHz,50ppm,28-AAV,12pF,150oh	Y1	1	V
0.1	3301-001148	CORE-FERRITE BEAD;AB,60ohm,1.6x0.8x0.8mm	B1,B2	2	V
0.1	3709-001223	CONNECTOR-CARD EDGE;10P,-,SMD-A,AU	J2	1	V
0.1	3711-000922	CONNECTOR-HEADER;BOX,4P,1R,1.25mm,SMD-A,	J1	1	V
0.1	BA39-00272A	CBF HARNESS;TAURUS,-,-,4P,35MM,WHITE,-,-	PCB	1	V
0.1	BA41-00298A	PCB;TAURUS,SMB-2000W,EPOXY,2 LAYER,1.0,T	PCB	1	V
0.1	BA68-40005L	LABEL-BARCODE;COMPUTER,-,-,40*6,WHT,PB	PCB	1	E

6-13 Port Replicate Board

6-13-1 Schematic Diagrams

Sheet 1. Cover & Contents
Sheet 2. Docking Connector & DC-In
Sheet 3. CRT & DVI
Sheet 4. SIO & PIO
Sheet 5. P/S2 USB RJ45
Sheet 6. Audio

2USB
1PS/2
1DVI
1SPDIF
1LINEIN
1LINEOUT
1IEEE1394
1SIO
1PIO
1CRT
1S-VHS
1RJ45
1DC-IN

Port-Replicator

CPU : P-IV Northwood
Chip Set : Brookdale

Model Name : TAURUS

PBA Name : PORT-REPLICATOR

PCB Code : BA59-10042Q
(PBA:BA92-xxxxxx, SMT:BA92-xxxxxx)

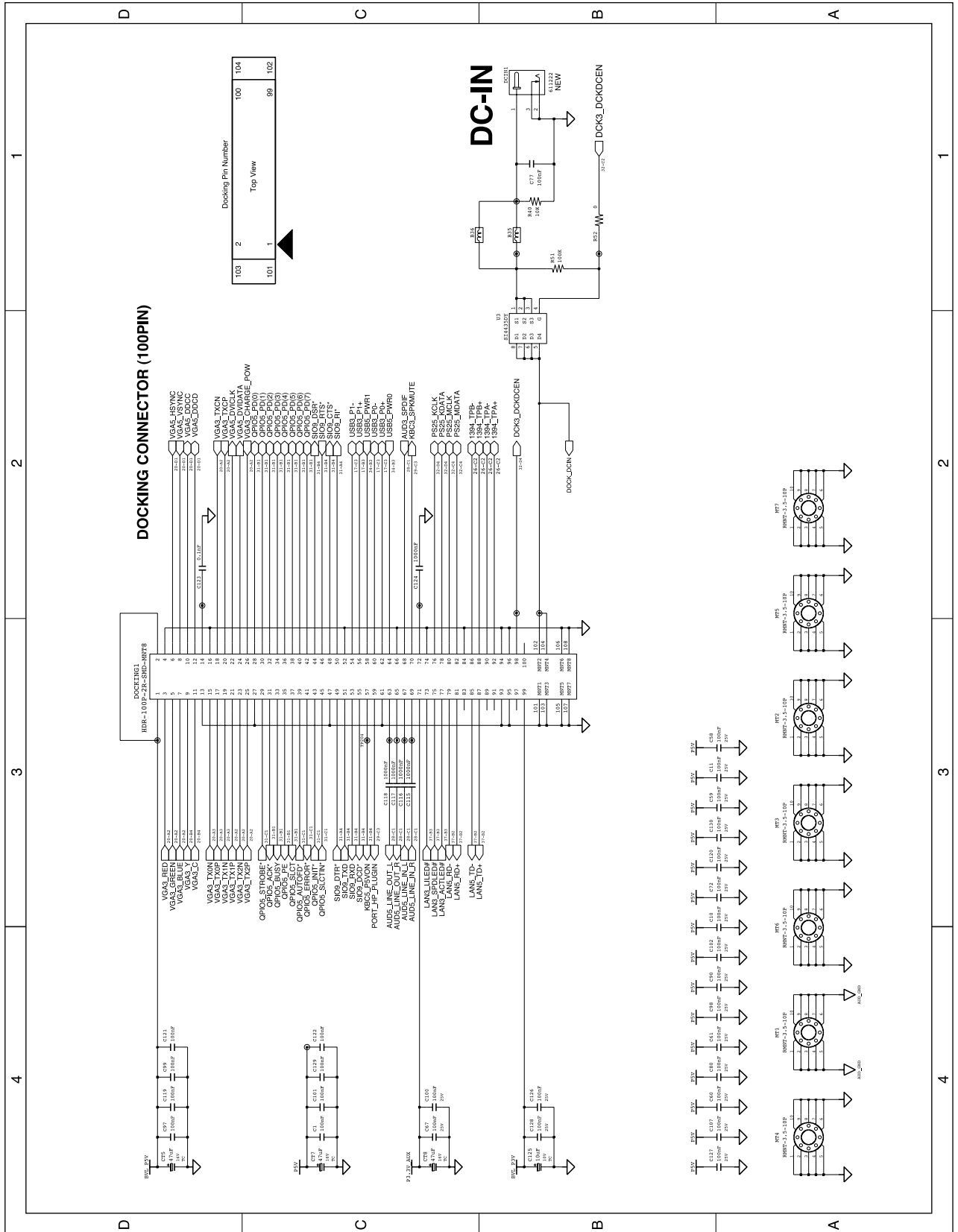
Dev. Step : MP

Revision : MP 1.0

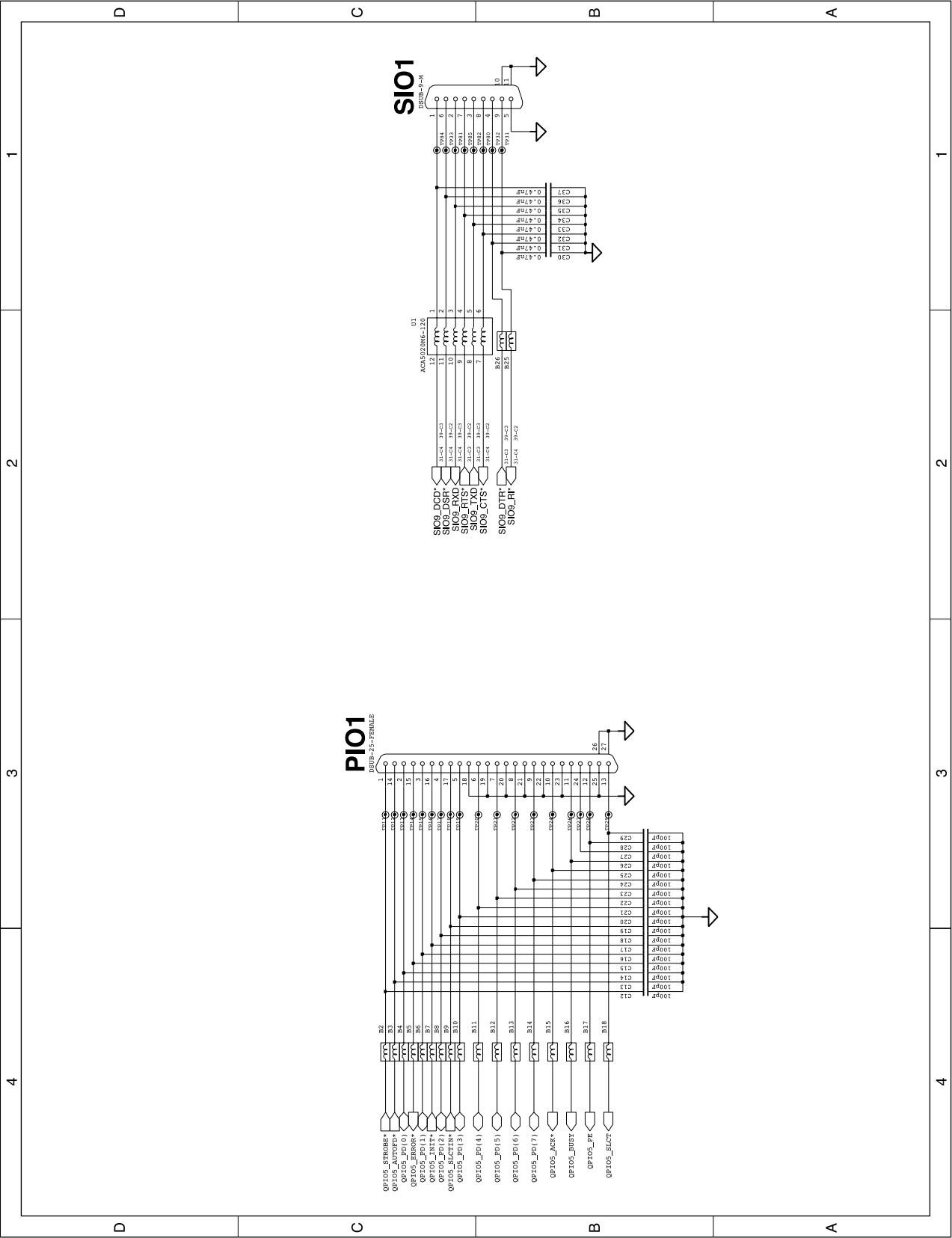
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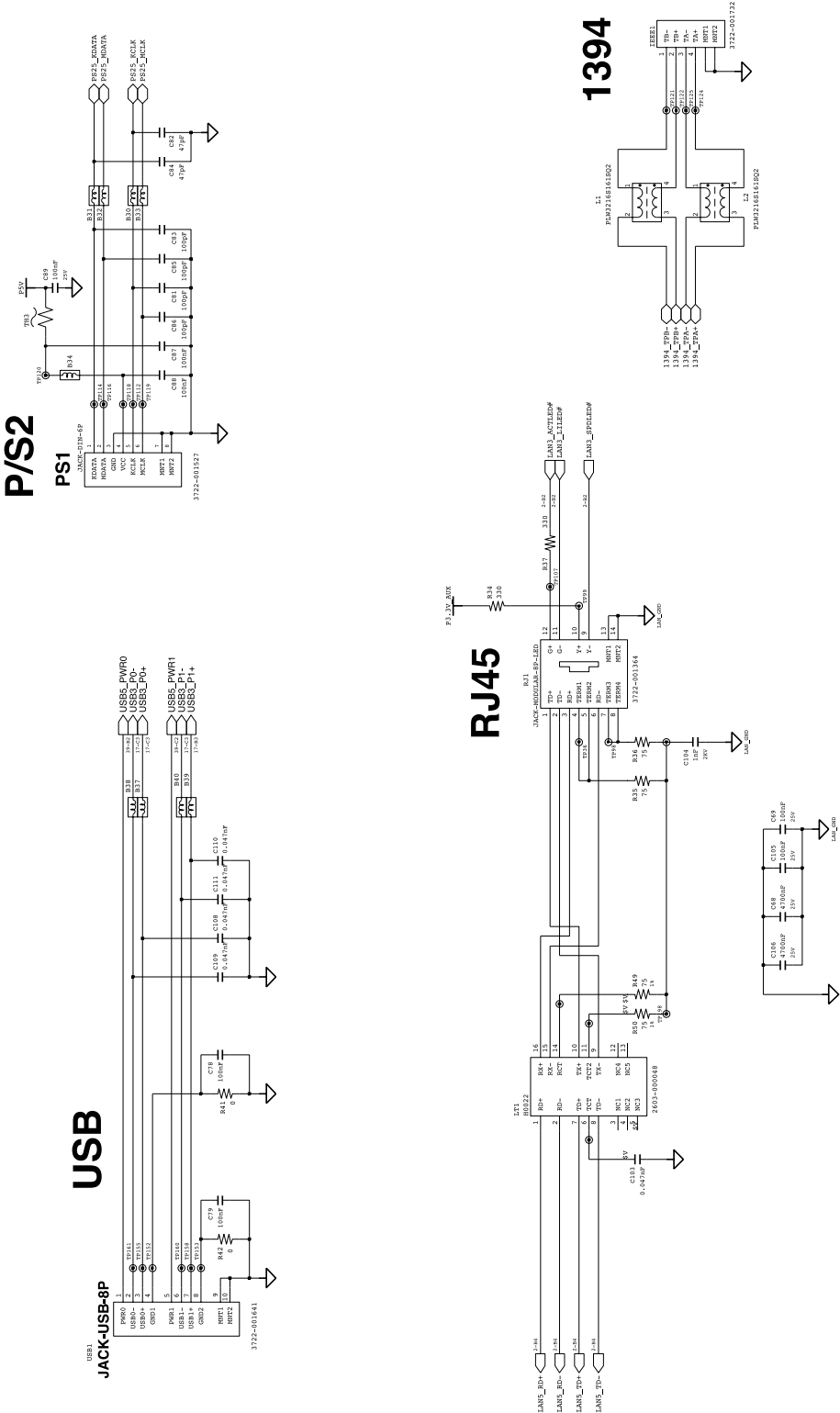
DRAW	CHECK	APPROVAL
Robin, Cho	HK, Park	Kevin, Lee

Owner : Signature : X

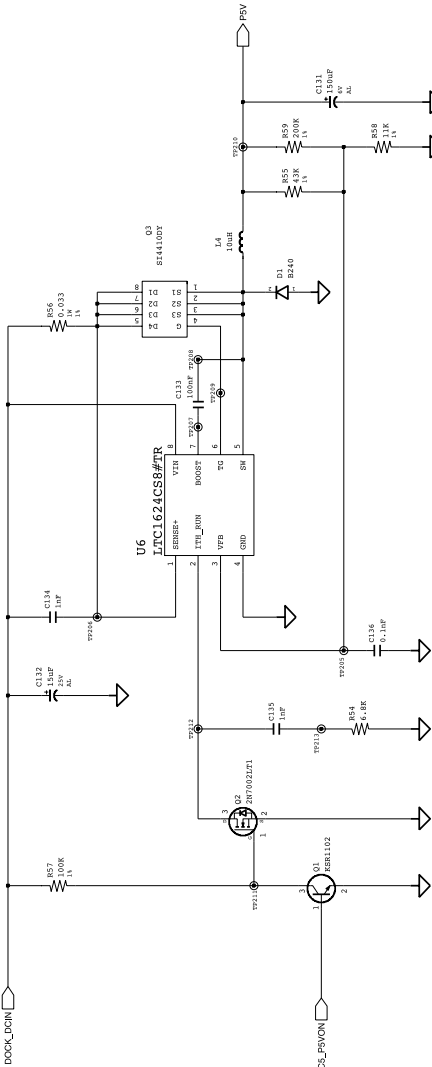






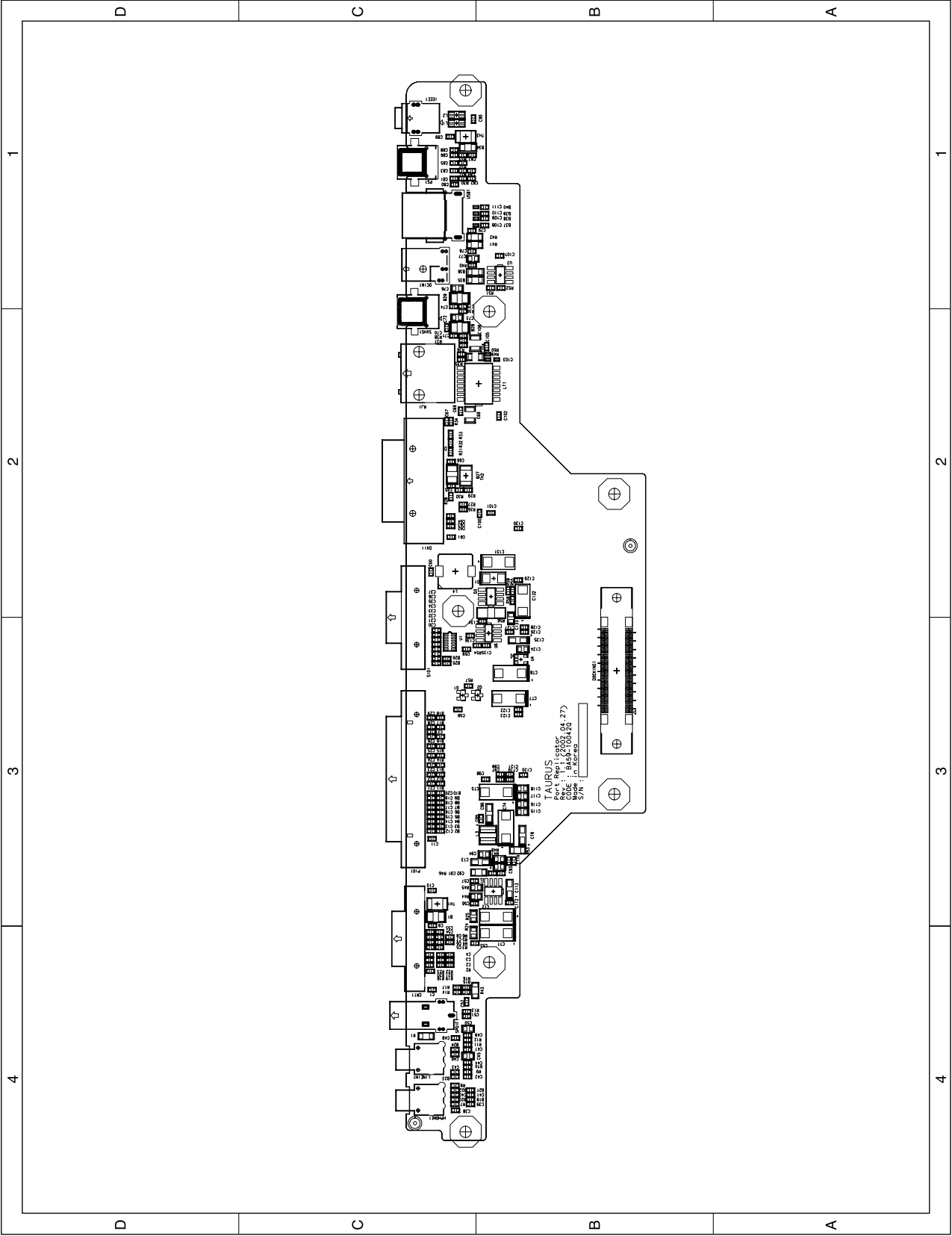


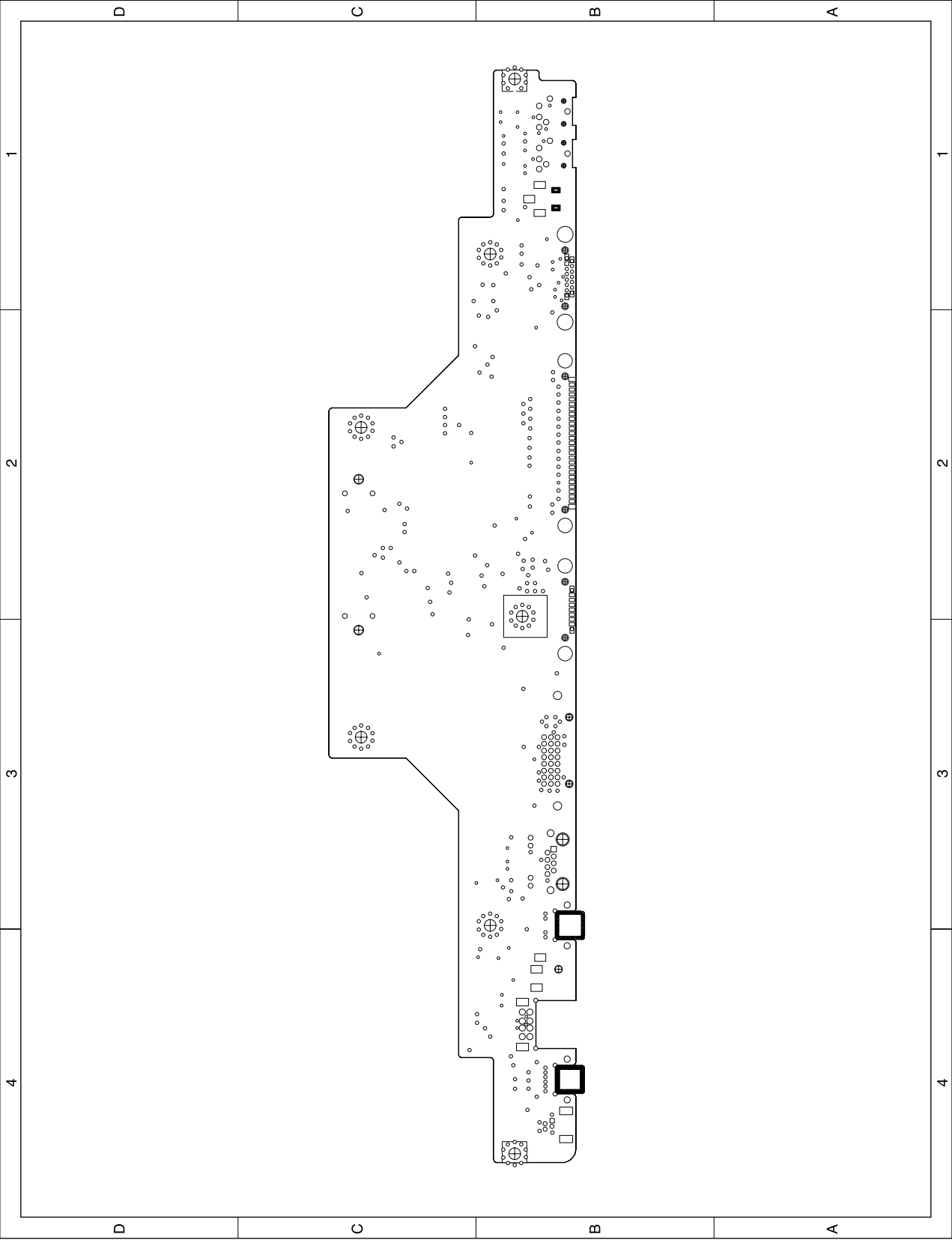




PCN REVISION CONTROL (CONT)		STEP
NO	CONNECTION	DATE (YY/MM/DD)
1	H.C.	
2	1-2	
3	2-3	
4	3-1	
5	1-2-3	
6	H.C.	
7	1-2	
8	2-3	
9	3-1	
10	1-2-3	

6-13-2 PCB SilkScreen





6-13-3 Parts List

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
1	0402-001110	smb	1	diode, DIODE-RECTIFIER;B240,40V,2A,SMB,TP	D1
2	0504-000127	sot23	1	npn_tr, TR-DIGITAL;- ,NPN,200MW,10K/10K,SOT-23,TP	Q1
3	0505-000110	sot23	1	nmos_fet, FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.3W,SOT-23	Q2
4	0505-000275	sop8a	1	si4435dy, FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,	U3
5	0505-000281	sop8a	1	si4410dy, FET-SILICON;SI4410DY,N,30V,+10A,0.011ohm,2.5W,SO	Q3
6	0801-002462	sot23-5	1	7s125, IC-CMOS LOGIC;7SZ125,GATE BUFFER,SOT-23,5P,63MIL,	U4
7	1201-001046	sop8a	1	lm4880m, IC-AUDIO AMP;4880,SOP,8P,150MIL,SINGLE,-,PL	U2
8	1203-001472	sop8g	1	ltc1624, IC-SWITCH REG.;1624,SOP,8P,150MIL,PLASTIC,1.1	U6
9	1404-001089	fuse_smd4	3	therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH1 TH2 TH3
10	2007-000033	r3216	6	res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R1 R41 R42 R43 R46 R53
11	2007-000060	r1608	1	res_t, R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	R57
12	2007-000070	r1608	5	res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R13 R18 R20 R23 R52
13	2007-000074	r1608	2	res, R-CHIP;100ohm,5%,1/16W,DA,TP,1608	R3 R6
14	2007-000075	r1608	1	res, R-CHIP;220ohm,5%,1/16W,DA,TP,1608	R16
15	2007-000076	r1608	6	res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R28 R31 R32 R33 R34 R37
16	2007-000078	r1608	1	res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R7
17	2007-000084	r1608	1	res, R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608, nostuff	R17
18	2007-000087	r1608	5	res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R9 R10 R11 R12 R54
19	2007-000090	r1608	3	res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R29 R30 R40
20	2007-000093	r1608	1	res, R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	R27
21	2007-000094	r1608	2	res, R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	R2 R8
22	2007-000102	r1608	2	res, R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	R26 R51
23	2007-000124	r1608	1	res, R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608, nostuff	R15
24	2007-000543	r2012	4	res_t, R-CHIP;20KOHM,1%,1/10W,DA,TP,2012	R44 R45 R47 R48
25	2007-000590	r2012	2	res_t, R-CHIP;220HM,1%,1/10W,DA,TP,2012	R24 R25
26	2007-000835	r1608-rnd	2	res_t, R-CHIP;39ohm,1%,1/16W,DA,TP,1608	R4 R5
27	2007-000910	r1608	1	res_t, R-CHIP;43Kohm,1%,1/16W,DA,TP,1608	R55
28	2007-001167	r1608	7	res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608, nostuff	R19 R21 R22 R35 R36 R38 R39
29	2007-002900	r1608	1	res_t, R-CHIP;11Kohm,1%,1/16W,DA,TP,1608	R58
30	2007-002906	r1608	1	res_t, R-CHIP;200Kohm,1%,1/16W,DA,TP,1608	R59

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
31	2007-007297	r1608	1	res_t, R-CHIP;110ohm,1%,1/16W,DA,TP,1608	R14
32	2007-007568	r6331	1	res_pt, R-CHIP;0.033ohm,1%,1W,DA,TP,6331	R56
33	2007-008015	r1005	2	res_t, R-CHIP;75ohm,1%,1/16W,DA,TP,1005	R49 R50
34	2203-000041	c1608	2	ccap, C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,1608	C5 C8
35	2203-000189	c1608	44	ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C1 C9 C10 C11 C38 C48 C53 C58 C59 C60 C61 C65 C66 C67 C69 C72 C78 C79 C80 C87 C88 C89 C90 C91 C95 C97 C98 C99 C100 C101 C102 C105 C107 C112 C114 C119 C120 C121 C122 C126 C127 C128 C129 C130
36	2203-000206	c2012	2	ccap, C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	C77 C133
37	2203-000236	c1608	27	ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C51 C57 C81 C83 C85 C86 C92 C123 C136
38	2203-000257	c1608	1	ccap, C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C52
39	2203-000440	c1608	11	ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C39 C40 C41 C43 C44 C46 C49 C56 C93

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
40	2203-000476	c2012	8	ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C134 C135 C45 C50 C94 C115 C116 C117 C118 C124
41	2203-000626	c1608	2	ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1608	C71 C74
42	2203-000661	c2012	2	ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,2012	C73 C76
43	2203-000721	c1608	10	ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608, nostuff	C2 C3 C4 C6 C7 C54 C55 C62 C63 C64
44	2203-000995	c1005	5	ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005, nostuff	C103 C108 C109 C110 C111
45	2203-000998	c1608	2	ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608	C82 C84
46	2203-001408	c1608	2	ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C70 C75
47	2203-001630	c1608	2	ccap_v, C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,1608	C42 C47
48	2203-001656	c1608-rnd	8	ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C30 C31 C32 C33 C34 C35 C36 C37
49	2203-005371	c3225	2	ccap_v, C-CERAMIC,CHIP;4700NF,+80-20%,25V,Y5V,TP,3225	C68 C106
50	2402-001125	c7343	1	ecap, C-POLYMER AL CHIP;15UF,20%,25V,-,TP,7.3X4.3X1.9MM	C132
51	2402-001170	c7343	1	ecap, C-POLYMER AL CHIP;150UF,20%,6V,WT,TP,7.3*4.3*1.8M	C131
52	2404-000256	tc7343	4	tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	CT4 CT5 CT7 CT8
53	2404-001020	tc3216	5	tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	C96 C113 C125 CT3 CT6
54	2404-001075	tc7343	2	tantal, C-TA,CHIP;100UF,20%,16V,GP,TP,7343	CT1 CT2
55	2603-000048	smd-trans-16p-a	1	h0022, TRANS-MATCHING;- ,1:1,1:1,- ,16P,11.81x8.63x2.15mm,	LT1
56	2703-001432	cd43	1	inductor, INDUCTOR-SMD;4.7uH,20%,4x4.5x3.2mm	L3
57	2703-002085	cdrh104r	1	inductor, INDUCTOR-SMD;10uH,30%,10x10.1x3.8mm	L4
58	3301-000314	b1608	33	bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
					B22 B23 B24 B25 B26 B30 B31 B32 B33 B37 B38 B39 B40 B34
59	3301-000322	b3216h	1	bead_core, CORE-FERRITE BEAD;AB,310HM,3.2X1.6X1.1MM,-,TP,FER	B1 B27 B28 B29
60	3301-000326	bead1310	4	bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	U1
61	3301-000361	beadnet_12	1	beadnet_12, CORE-FERRITE BEAD;AB,120ohm,5x2x0.9mm,200mA,TP,FE	B35 B36
62	3301-001162	b3216	2	bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	CRT1
63	3701-001026	7535s-15g2t-15p	1	dsub-15c-2r-f, CONNECTOR-DSUB;15P,2R,FEMALE,ANGLE,AUF	PIO1
65	3701-001174	7536s-25g2t-06	1	dsub-25s-1r-f, CONNECTOR-DSUB;25P,2R,FEMALE,ANGLE,AUF	SIO1
66	3701-001175	7536p-09g2-06	1	dsub-9s-1r-m, CONNECTOR-DSUB;9P,2R,MALE,ANGLE,AUF	DOCKING1
67	3711-004645	wd-100p4v-vf120-n-t45	1	head-100z-2r-smd-mnt, CONNECTOR-HEADER;BOX,100P+4P,2R, 0.5mm,SMD-S,AUF	
68	3722-001106	aj844ay	1	jack-rca-3p-a, JACK-PIN;1P,8.3mm,NI,YEL,NO	SPDIF1
69	3722-001364	406549-4	1	jack-modular-8p-led2, JACK-MODULAR;8P/8C,INVERTED,Y,ANGLE, STANDARD,YEL/	RJ1
70	3722-001527	33005a-06t1-01	1	jack-din-6p-1, JACK-DIN;6P,-,SN,BLK,-	PS1
71	3722-001641	2522a-08g1t-k	1	jack-usb-8p-1, JACK-USB;8P,-,AUF,BLK,-	USB1
72	3722-001732	uv31413-4r1	1	ieee1394-4p-mnt, JACK-MODULAR;4P,STD(IEEE P1394A),Y,ANGLE,-,N,BLK,	IEEE1
73	3722-001775	phone-jack-6p-1	1	jack-phone-6p, JACK-PHONE;6P,3.6P,AG,PINK,-	LINEIN1
74	3722-001785	phone-jack-6p-1	1	jack-phone-6p, JACK-PHONE;6P,3.6PI,AG,LIME,-	HPHONE1
75	542176	c3216	1	ccap_v, C-CERAMIC,CHIP;1NF,10%,2KV,X7R,TP,3216	C104
76	557108	33005a-04t1-01	1	jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	SVHS1
77	611222	dc-jack-3p-b	1	jack-power-3p-a, JACK-DC POWER;-,-,3.15MM,SN,BLACK,-	DCIN1
78	BA27-00018A	plw3216s	2	trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-,3.2X	L1 L2
60	3301-000326	bead1310		bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	B1
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B2
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B3
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B4
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B5
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B6
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B7
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B8
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B9
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B10

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B11
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B12
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B13
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B14
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B15
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B16
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B17
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B18
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B19
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B20
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B21
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B22
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B23
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B24
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B25
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B26
60	3301-000326	bead1310		bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	B27
60	3301-000326	bead1310		bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	B28
60	3301-000326	bead1310		bead_core, CORE-FERRITE BEAD;AB,600HM,3.2X2.5X1.3MM,400MA,-2	B29
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B30
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B31
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B32
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B33
59	3301-000322	b3216h		bead_core, CORE-FERRITE BEAD;AB,310HM,3.2X1.6X1.1MM,-,TP,FER	B34
62	3301-001162	b3216		bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	B35
62	3301-001162	b3216		bead_core, CORE-FERRITE BEAD;AB,68ohm,3.2x1.6x0.9mm,3000mA,T	B36
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B37
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B38
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B39
58	3301-000314	b1608		bead_core, CORE-FERRITE BEAD;AB,120ohm,1.6x0.8x0.8mm,150mA,T	B40
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C1
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C2
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C3
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C4
34	2203-000041	c1608		ccap, C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,1608	C5
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608, nostuff	C6
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608, nostuff	C7

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
34	2203-000041	c1608		ccap, C-CERAMIC,CHIP;0.01nF,0.25pF,50V,NP0,TP,1608	C8
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C9
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C10
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C11
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C12
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C13
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C14
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C15
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C16
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C17
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C18
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C19
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C20
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C21
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C22
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C23
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C24
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C25
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C26
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C27
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C28
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C29
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C30
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C31
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C32
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C33
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C34
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C35
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C36
48	2203-001656	c1608-rnd		ccap, C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	C37
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C38
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C39
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C40
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C41
47	2203-001630	c1608		ccap_v, C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,1608	C42
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C43
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C44

ITEM	PART NO	GEPMETRY	COUNT	DESCRIPTION	REFERENCE
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C45
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C46
47	2203-001630	c1608		ccap_v, C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,1608	C47
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C48
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C49
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C50
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C51
38	2203-000257	c1608		ccap, C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	C52
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C53
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608, nostuff	C54
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608, nostuff	C55
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C56
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C57
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C58
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C59
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C60
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C61
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C62
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C63
43	2203-000721	c1608		ccap, C-CERAMIC,CHIP;0.0033nF,0.25pF,50V,NP0,TP,1608	C64
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C65
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C66
35	2203-000189	c160		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C67
49	2203-005371	c3225		ccap_v, C-CERAMIC,CHIP;4700NF,+80-20%,25V,Y5V,TP,3225	C68
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C69
46	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C70
41	2203-000626	c1608		ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1608	C71
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C72
42	2203-000661	c2012		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,2012	C73
41	2203-000626	c1608		ccap, C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,1608	C74
46	2203-001408	c1608		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	C75
42	2203-000661	c2012		ccap, C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,2012	C76
36	2203-000206	c2012		ccap, C-CERAMIC,CHIP;100NF,10%,50V,X7R,TP,2012	C77
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C78
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C79
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C80
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C81

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45	2203-000998	c1608		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608	C82
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C83
45	2203-000998	c1608		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1608	C84
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C85
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C86
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C87
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C88
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C89
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C90
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C91
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C92
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C93
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C94
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C95
53	2404-001020	tc3216		tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	C96
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C97
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C98
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C99
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C100
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C101
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C102
44	2203-000995	c1005		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005, nostuff	C103
75	542176	c3216		ccap_v, C-CERAMIC,CHIP;1NF,10%,2KV,X7R,TP,3216	C104
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C105
49	2203-005371	c3225		ccap_v, C-CERAMIC,CHIP;4700NF,+80-20%,25V,Y5V,TP,3225	C106
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C107
44	2203-000995	c1005		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005	C108
44	2203-000995	c1005		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005	C109
44	2203-000995	c1005		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005	C110
44	2203-000995	c1005		ccap, C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,1005	C111
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C112
53	2404-001020	tc3216		tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	C113
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C114
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C115
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C116
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C117
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C118

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35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C119
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C120
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C121
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C122
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C123
40	2203-000476	c2012		ccap_v, C-CERAMIC,CHIP;1000nF,+80-20%,16V,Y5V,TP,2012	C124
53	2404-001020	tc3216		tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	C125
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C126
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C127
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C128
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C129
35	2203-000189	c1608		ccap_v, C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,1608,	C130
51	2402-001170	c7343		ecap, C-POLYMER AL CHIP;150UF,20%,6V,WT,TP,7.3*4.3*1.8MM	C131
50	2402-001125	c7343		ecap, C-POLYMER AL CHIP;15UF,20%,25V,-,TP,7.3X4.3X1.9MM	C132
36	2203-000206	c2012		ccap, C-CERAMIC,CHIP;100nF,10%,50V,X7R,TP,2012	C133
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C134
39	2203-000440	c1608		ccap, C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	C135
37	2203-000236	c1608		ccap, C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	C136
63	3701-001026	7535s-15g2t-15p		dsub-15c-2r-f, CONNECTOR-DSUB;15P,2R,FEMALE,ANGLE,AUF	CRT1
54	2404-001075	tc7343		tantal, C-TA,CHIP;100UF,20%,16V,GP,TP,7343	CT1
54	2404-001075	tc7343		tantal, C-TA,CHIP;100UF,20%,16V,GP,TP,7343	CT2
53	2404-001020	tc3216		tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	CT3
52	2404-000256	tc7343		tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	CT4
52	2404-000256	tc7343		tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	CT5
53	2404-001020	tc3216		tantal, C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	CT6
52	2404-000256	tc7343		tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	CT7
52	2404-000256	tc7343		tantal, C-TA,CHIP;47UF,20%,16V,GP,TP,7343	CT8
1	0402-001110	smb		diode, DIODE-RECTIFIER;B240,40V,2A,SMB,TP	D1
77	611222	dc-jack-3p-b		jack-power-3p-a, JACK-DC POWER;-;3.15MM,SN,BLACK,-	DCIN1
67	3711-004645	wd 100p4v-vf120-n-t45		head-100z-2r-smd-mnt, CONNECTOR-HEADER;BOX,100P+4P,2R,0.5mm,SMD-S	DOCKING1
64	3701-001173	dvi-ad-24p		dvi-24p, CONNECTOR-DSUB;24P,3R,FEMALE,ANGLE,AUF	DVI1
74	3722-001785	phone-jack-6p-1		jack-phone-6p, JACK-PHONE;6P,3.6PI,AG,LIME,-	HPHONE1
72	3722-001732	uv31413-4r1		ieee1394-4p-mnt, JACK-MODULAR;4P,STD(IEEE P1394A),Y,ANGLE,-,N,BLK	IEEE1
78	BA27-00018A	plw3216s		trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-;3.2X	L1
78	BA27-00018A	plw3216s		trans, COIL CHOKE;PLW3216S161SQ2,1600HM AT 100MHZ,-;3.2X	L2
56	2703-001432	cd43		inductor, INDUCTOR-SMD;4.7uH,20%,4x4.5x3.2mm	L3
57	2703-002085	cdrh104r		inductor, INDUCTOR-SMD;10uH,30%,10x10.1x3.8mm	L4

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73	3722-001775	phone-jack-6p-1		jack-phone-6p, JACK-PHONE;6P,3.6P,AG,PINK,-	LINEIN1
55	2603-000048	smd-trans-16p-a		h0022, TRANS-MATCHING;-;1:1,1:1,-,16P,11.81x8.63x2.15mm,	LT1
65	3701-001174	7536s-25g2t-06		dsusb-25s-1r-f, CONNECTOR-DSUB;25P,2R,FEMALE,ANGLE,AUF	PIO1
70	3722-001527	33005a-06t1-01		jack-din-6p-1, JACK-DIN;6P,-,SN,BLK,-	PS1
2	0504-000127	sot23		npn_tr, TR-DIGITAL;-;NPN,200MW,10K/10K,SOT-23,TP	Q1
3	0505-000110	sot23		nmos_fet, FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.3W,SOT-23	Q2
5	0505-000281	sop8a		si4410dy, FET-SILICON;SI4410DY,N,30V,+10A,0.011ohm,2.5W,SO	Q3
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R1
21	2007-000094	r1608		res, R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	R2
13	2007-000074	r1608		res, R-CHIP;100ohm,5%,1/16W,DA,TP,1608	R3
26	2007-000835	r1608-rnd		res_t, R-CHIP;39ohm,1%,1/16W,DA,TP,1608	R4
26	2007-000835	r1608-rnd		res_t, R-CHIP;39ohm,1%,1/16W,DA,TP,1608	R5
13	2007-000074	r1608		res, R-CHIP;100ohm,5%,1/16W,DA,TP,1608	R6
16	2007-000078	r1608		res, R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	R7
21	2007-000094	r1608		res, R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	R8
18	2007-000087	r1608		res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R9
18	2007-000087	r1608		res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R10
18	2007-000087	r1608		res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R11
18	2007-000087	r1608		res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R12
12	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R13
31	2007-007297	r1608		res_t, R-CHIP;110ohm,1%,1/16W,DA,TP,1608	R14
23	2007-000124	r1608		res, R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608, nostuff	R15
14	2007-000075	r1608		res, R-CHIP;220ohm,5%,1/16W,DA,TP,1608	R16
17	2007-000084	r1608		res, R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608, nostuff	R17
12	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R18
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608, nostuff	R19
12	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R20
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608, nostuff	R21
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608, nostuff	R22
12	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R23
25	2007-000590	r2012		res_t, R-CHIP;220HM,1%,1/10W,DA,TP,2012	R24
25	2007-000590	r2012		res_t, R-CHIP;220HM,1%,1/10W,DA,TP,2012	R25
22	2007-000102	r1608		res, R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	R26
20	2007-000093	r1608		res, R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	R27
15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R28
19	2007-000090	r1608		res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R29
19	2007-000090	r1608		res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R30

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15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R31
15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R32
15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R33
15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R34
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608	R35
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608	R36
15	2007-000076	r1608		res, R-CHIP;330ohm,5%,1/16W,DA,TP,1608	R37
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608	R38
28	2007-001167	r1608		res, R-CHIP;75ohm,5%,1/16W,DA,TP,1608	R39
19	2007-000090	r1608		res, R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	R40
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R41
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R42
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R43
24	2007-000543	r2012		res_t, R-CHIP;20KOHM,1%,1/10W,DA,TP,2012	R44
24	2007-000543	r2012		res_t, R-CHIP;20KOHM,1%,1/10W,DA,TP,2012	R45
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R46
24	2007-000543	r2012		res_t, R-CHIP;20KOHM,1%,1/10W,DA,TP,2012	R47
24	2007-000543	r2012		res_t, R-CHIP;20KOHM,1%,1/10W,DA,TP,2012	R48
33	2007-008015	r1005		res_t, R-CHIP;75ohm,1%,1/16W,DA,TP,1005	R49
33	2007-008015	r1005		res_t, R-CHIP;75ohm,1%,1/16W,DA,TP,1005	R50
22	2007-000102	r1608		res, R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	R51
12	2007-000070	r1608		res, R-CHIP;0ohm,5%,1/16W,DA,TP,1608	R52
10	2007-000033	r3216		res, R-CHIP;00HM,5%,1/8W,DA,TP,3216	R53
18	2007-000087	r1608		res, R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	R54
27	2007-000910	r1608		res_t, R-CHIP;43Kohm,1%,1/16W,DA,TP,1608	R55
32	2007-007568	r6331		res_pt, R-CHIP;0.033ohm,1%,1W,DA,TP,6331	R56
11	2007-000060	r1608		res_t, R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	R57
29	2007-002900	r1608		res_t, R-CHIP;11Kohm,1%,1/16W,DA,TP,1608	R58
30	2007-002906	r1608		res_t, R-CHIP;200Kohm,1%,1/16W,DA,TP,1608	R59
69	3722-001364	406549-4		jack-modular-8p-led2, JACK-MODULAR;8P/8C,INVERTED,Y,ANGLE,STANDAR	RJ1
66	3701-001175	7536p-09g2-06		dsub-9s-1r-m, CONNECTOR-DSUB;9P,2R,MALE,ANGLE,AUF	SI01
68	3722-001106	aj844ay		jack-rca-3p-a, JACK-PIN;1P,8.3mm,NI,YEL,NO	SPDIF1
76	557108	33005a-04t1-01		jack-din-4p-mnt2, JACK-DIN;4P,-,SN,BLK,-	SVHS1
9	1404-001089	fuse_smd4		therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH1
9	1404-001089	fuse_smd4		therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH2
9	1404-001089	fuse_smd4		therm_fuse, THERMISTOR-PTC;0.21ohm,-,-,6.0V,40A,2.2A,TP	TH3
61	3301-000361	beadnet_12		beadnet_12, CORE-FERRITE BEAD;AB,120ohm,5x2x0.9mm,200mA,TP,FE	U1

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7	1201-001046	sop8a		lm4880m, IC-AUDIO AMP;4880,SOP,8P,150MIL,SINGLE,-,PL	U2
4	0505-000275	sop8a		si4435dy, FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014ohm,2.5W,	U3
6	0801-002462	sot23-5		7s125, IC-CMOS LOGIC;7SZ125,GATE BUFFER,SOT-23,5P,63MIL,	U4
8	1203-001472	sop8g		ltc1624, IC-SWITCH REG.;1624,SOP,8P,150MIL,PLASTIC,1.1	U6
71	3722-001641	2522a-08g1t-k		jack-usb-8p-1, JACK-USB;8P,-,AUF,BLK,-	USB1

6-14 Option

	Domestic	Export	Specification	
FDD	SFD-P10K	SFD-P10E	Internal 3.5" Floppy Disk	NEW
CD-ROM	SCD-P10K24	SCD-P10E24	24x CD-ROM Drive	NEW
DVD-ROM	SDD-P10K8	SDD-P10E8	8x DVD-ROM + DVD Player S/W	NEW
CD-RW	SRW-P10K8	SRW-P10E8	8x CD-R, 8x RW, 24x CD (Include CD-RW S/W)	NEW
RW-Combo	SDC-P10K	SDC-P10E	8x DVD, 8x CD-R, 8x RW, 24x CD (CD-RW S/W + DVD Player S/W)	NEW
2nd HDD Case	SSH-P10K	SSH-P10E	2nd HDD of Case	NEW
Battery	SSB-P10KLS	SSB-P10ELS	8cell, 2200mA, 64W	NEW
Adapter	SPA-T10	SPA-T10	Free Voltage, 80W	MatrixIII+
Port Replicater	SPR-P10K	SPR-P10E	SVHS, iEEE1394, S/PDIF, Headphone, Line-in, VGA, PIO, SIO, 2USB, PS/2, RJ45, DC-IN	Mini_Dock