

Item	Q'ty	Reference	RA RB	Part	SPECIFICATION	TATUNG P/N	VALUEA	備註
1	1	CB EJECTOR1		59410_00L0C	CONN,(PCMCIA C/B BELOW) FCI CARDBUS,LEFT EJECT,H=5.5mm	5782230001	PCMCIA-EJECTOR_FCI	
2	5	C1.C463.C771.C776.C800.C886.C805		2200pF_0603	CAPACITOR MONOLITHIC SMD REEL X7R 50V 2200.00PFK T 060	5230622291	50V_X7R	
3	45	C2.C7.C8.C9.C10.C11.C12. C13.C14.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.		10uF_0805	CAPACITOR,MONOLITHIC SMD REEL X7R DC6.3V 10.00UFK T 0805	5230020591	6.3V_X7R	
4	70	C3.C4.C5.C6.C106.C107. C108.C110.C121.C185.C235. C236.C237.C238.C239.C240. C241.C242.C243.C244.C245. C246.C247.C248.C249.C250. C251.C252.C253.C254.C255. C256.C257.C258.C259.C260. C261.C262.C390.C398.C400. C401.C402.C403.C404.C405. C406.C407.C408.C410.C411. C413.C414.C416.C417.C419. C420.C424.C425.C426.C429. C431.C435.C438.C439.C440. C441.C443.C444.C445		0.01uF_0402	CAPACITOR MONOLITHIC SMD REEL X7R DC 16V 0.01UFK T 040	5230017291	16V_X7R	
5	15	C51.C52.C55.C56.C59.C60. C63.C64.C67.C68.C71.C72. C75.C76.C77		2.2uF_1206	CAPACITOR,MONOLITHIC SMD REEL X7R DC 16V 2.2 UFK T 1206	5230020691	16V_X7R	
6	271	C53.C54.C57.C58.C61.C62. C65.C66.C69.C70.C81.C94. C97.C98.C99.C100.C101. C102.C103.C104.C113.C122. C123.C124.C126.C127.C129. C130.C131.C132.C133.C136. C137.C139.C140.C144.C145. C146.C147.C149.C150.C152. C153.C155.C156.C157.C158. C159.C161.C162.C163.C164. C165.C166.C167.C168.C170. C171.C172.C173.C174.C175. C177.C178.C182.C184.C186. C187.C188.C190.C193.C195. C196.C197.C198.C199.C201. C203.C204.C205.C206.C207. C208.C209.C210.C211.C212. C213.C214.C215.C216.C217. C218.C219.C220.C221.C222. C223.C224.C225.C226.C227. C228.C229.C230.C231.C232. C233.C234.C271.C272.C273. C274.C275.C276.C277.C278. C279.C280.C281.C282.C283. C284.C285.C286.C287.C288. C289.C290.C291.C292.C293. C294.C295.C296.C297.C298. C299.C300.C301.C302.C307. C308.C309.C310.C311.C312. C313.C314.C315.C316.C317. C318.C319.C320.C321.C322.		0.1uF_0402	CAPACITOR MONOLITHIC SMD REEL X7R DC 10V 0.10UFK T 040	5230017191	10V_X7R	

TTB12 R00A BOM

		C323.C324.C325.C326.C327. C328.C329.C330.C331.C332. C333.C334.C335.C336.C337. C338.C339.C340.C341.C342. C345.C346.C347.C348.C349. C350.C351.C354.C355.C357. C358.C362.C363.C364.C366. C367.C368.C369.C373.C374. C375.C376.C377.C378.C379. C382.C383.C384.C386.C387. C389.C391.C394.C397.C399. C428.C436.C449.C450.C451. C455.C456.C470.C472.C497. C498.C499.C500.C501.C502. C503.C504.C506.C508.C510. C511.C512.C518.C519.C521. C523.C524.C525.C526.C527. C528.C538.C539.C541.C547. C548.C549.C550.C552.C574. C575.C576.C579.C580.C591. C592.C593.C594.C597.C598. C599.C703.C728.C754.C760. C785.C788.C789.C813.C824. C883.					
7	11	C73.C74.C142.C143.C180.C181. C343.C344.C557.C562.C567	150uF_DCASE_B12A	CAPACITOR TANTLUN SMD REEL D DC 10V 150.00UFM T 734.	5284215191	10V_TANT CAP	
8	1	C74	150uF_DCASE_B12B_RV			10V_TANT CAP	
9	21	C78.C79.C82.C83.C84.C85. C86.C87.C88.C89.C90.C91. C92.C93.C395.C396.C421. C422.C583.C584.C585	10pF_0402	CAPACITOR MONOLITHIC SMD REEL COG DC 50V 10.00PFJ T 040	5240003391	50V_COG	
10	57	C80.C114.C115.C125.C128. C200.C263.C264.C265.C266. C267.C268.C269.C270.C370. C380.C388.C393.C432.C433. C434.C437.C462.C465.C469. C471.C482.C484.C491.C493. C542.C609.C610.C611.C612 C706.C708.C722.C723.C761. C765.C781.C782.C790.C794. C809.C810.C844.C874.C884. C900.C901.C908.C910.C912. C920.C921.C925.C926.C933. C934.C937.C938.C468.C474.	1uF_0603	CAPACITOR MONOLITHIC SMD REEL Y5V50V 1.00UFZ T 0603	5250610591	50V_Y5V	
11	32	C95.C96.C105.C109.C141. C148.C151.C154.C179.C202. C303.C304.C305.C306.C353. C409.C412.C452.C457.C534 C535.C536.C537.C540.C551. C553.C604.C608.C729.C733 C756.C817.C819	10uF_0805	CAPACITOR MONOLITHIC SMD REEL Y5V DC 10V 10.00UFZ T 080	5230016791	10V_Y5V	
12	3	C111.C112.C919	15pF_0603	CAPACITOR MONOLITHIC SMD REEL NPO 50V 15.00PFJ T 060	5240615091	50V_NPO	
13	2	C134.C885	470pF_0603_RV			50V_NPO	
14	1	C135	0.01uF_0402_RV			16V_X7R	
15	11	C160.C169.C704.C724.C779, C808,C879,C880,C881,C882, C931	220uF_DCASE_B12A	CAP,ELECTROLITIC 105C SPCAP S SMD 2V 220.00UFM T 7343	5218017791	2V_SP_CAP_EEFSX0D221YR_9m_3A	
16	22	C189.C359.C430.C495.C496. C514.C544.C716.C736.C738. C743.C745.C752.C753.C772. C801.C815.C823.C840.C878. C915.C916.C927	4.7uF_0805	CAPACITOR,MONOLITHIC SMD REEL Y5V 10V 4.70UFZ T 0805	5230006091	10V_Y5V	
17	14	C191.C192.C356.C360.C361. C365.C372.C381.C385.C415.	22uF_1206	CAPACITOR,MONOLITHIC SMD REEL Y5V 10V 22.00UFZ T 1206	5230009791	10V_Y5V	

TTB12 R00A BOM

		C418.C442.C494.C507						
18	5	C194.C371.C448.C458.C459	SE0J101 3B	CAP.ELECTROLYTIC 85C SE SMD 6.3V 100.00UFM T 9.3x3.6	5218015491	100uF 6.3V		
19	5	C352.C545.C549 C552.C952.C953.C956.	0.1uF 0402 RV			10V_X7R		
20	2	C464.C392	47000pF 0603	CAPACITOR,MONOLITHIC SMD REEL X7R DC 50V 47000.00pFK T 060	5230647391	50V_X7R		
21	3	C423.C475.C476.	0.33uF 0603	CAPACITOR MONOLITHIC SMD REEL X5R DC 10V 0.33UFK T 060	5230018591	10V_X5R		
22	3	C427.C446.C447.	270pF 0402	CAPACITOR,MONOLITHIC SMD REEL NPO DC 50V 270.00PFJ T 040	5240004291	50V_NPO		
23	35	C453.C454.C480.C481.C490. C492.C556.C558.C561.C563. C568.C702.C727.C730.C746. C751.C759.C784.C787.C812. C821.C825.C854.C858.C860. C861.C862.C863.C865.C866. C867.C868.C887.C917.C918	1000pF_0603	CAPACITOR,MONOLITHIC SMD REEL X7R 50V 1000.00PF K 060	5230610291	50V_X7R		
24	4	C460.C461 C468.C474 C486. C487.	470pF_0603	CAPACITOR,MONOLITHIC SMD REEL NPO 50V 470.00PFJ T 0603	5240647191	50V_NPO		
25	12	C466.C467.C478.C479.C600. C758.C851.C852.C944.C945. C731.C732.	100pF_0603_RV			50V_NPO		
26	7	C473.C559.C560.C564.C565. C581.C582	47pF_0603_RV			50V_NPO		
27	2	C477.C545	0.47uF 0603	CAPACITOR,MONOLITHIC SMD REEL Y5VDC 16V 0.47UFZ T 0603	5230012991	16V_Y5V		
28	2	C483.C485	22pF 0603	CAPACITOR,MONOLITHIC SMD REEL NPO 50V 22.00PFJ T 0603	5240622091	50V_NPO		
29	26	C513.C546.C709.C721.C757. C766.C778.C795.C807.C829. C835.C836.C837.C845.C850. C853.C855.C859.C876.C877 C896.C904.C919 C929.C930. C932.C940.C946.C942	0.1uF_0603	CAPACITOR,MONOLITHIC SMD REEL Y5V 50V 0.10UFZ T 0603	5250610491	50V_Y5V		
30	1	C515	HVC1808X7R152K202	CAPACITOR,MONOLITHIC SMD REEL X7R DC 2KV 1500.00PFK T 1808	5230019391	2KV_X7R		
31	2	C517.C516	HVC1808X7R151K302	CAPACITOR,MONOLITHIC SMD REEL X7R DC 3KV 150.00PFK T 1808	5230019491	3KV_X7R		
32	1	C578. C543	10uF 1210	CAPACITOR,MONOLITHIC SMD REEL Y5V 35V 10.00UFZ T 1210	5230005691	35V_Y5V		
33	21	C577.C710.C712.C720.C750. C767.C769.C777.C796.C798. C806.C838.C839.C842.C843. C869.C870.C873 C892.C895. C903 C924.C928.C916.	1uF_0805	CAPACITOR,MONOLITHIC SMD REEL Z5U/Y5V 25V 1.00UFZ T 0805	5250810591	25V_Y5V		
34	5	C586.C587.C588.C589.C590	10pF 0402 RV			50V_COG		
35	21	C603.C700.C734.C735.C737. C742.C744.C749.C755.C814. C816.C818.C822.C841.C846. C847.C848.C875.C911.C913 C740.	0.01uF_0603	CAPACITOR,MONOLITHIC SMD REEL X7R 50V 0.01UFK 0603	5230610391	50V_X7R		
36	8	C701. C731.C732 C741.C748. C857.C864.C612.C613.C614.	100pF_0603	CAPACITOR,MONOLITHIC SMD REEL NPO 100.00PFJ 0603	5240610191	50V_NPO		
37	3	C763.C935.C936.	100uF DCASE_B12A	CAP.,ELECTROLYTIC 105C SP-CAP SMD 4V 100.00UFM T7343 EEFSX	5218020591	4V_SP_CAP EEFSX0G101R_9m_3A		
38	6	C707.C726.C762.C783.C791. C811. C909	180pF_0603	CAPACITOR,MONOLITHIC SMD REEL NPO 180.00PFJ 0603	5240618191	50V_NPO		
39	3	C711.C797.C914	0.01uF_0603_RV			50V_X7R		
40	6	C713.C718.C770.C775.C799. C804	18pF_0603	CAPACITOR,MONOLITHIC SMD REEL NPO 18.00PFJ T 0603	5240618091	50V_NPO		
41	2	C719.C714	1500pF_0603	CAPACITOR,MONOLITHIC SMD REEL X7R 50V 1500.00PFK 0603	5230615291	50V_X7R		
42	3	C718.C773.C808 C849. C872 C894.C903 C949.C951.	22uF_THCS60E1E226MT	CAPACITOR,MONOLITHIC SMD REEL Y5V DC 25V 22.00UFM T 5750	5230022891	25V_Y5U		
43	5	C717.C774.C803.C871.C923	4.7uF_1210	CAPACITOR,MONOLITHIC SMD REEL Y5V DC 50V 4.70UFZ T 1210	5230020791	50V_Y5V		
44	7	C724.C779.C808.C879.C880. C881.C882	180uF_DCASE_B12A	CAP.ELECTROLYTIC 105C UD SMD 2V 180.00UFM T 7343	5218013791	2V_SPCAP		
45	5	C739.C747.C820C954.C955	1000pF 0603 RV			50V_X7R		
46	4	C740	33000pF_0603	CAPACITOR,MONOLITHIC SMD REEL X7R DC 50V 33000.00PFK T 0603	5230633391	50V_X7R		
47	2	C786.C856.	0.1uF 0603 RV			50V_Y5V		
48	2	C792.C793	120uF DCASE_B12A	CAP.,ELECTROLYTIC 105C SP-CAP SMD6.3V 120.00UFM T7343 ECGUD	5218020691	6.3V_SP_CAP ECGUD0J121YR_9m_3A		
49	4	C805	3300pF_0603	CAPACITOR,MONOLITHIC SMD REEL X7R DC 50V 3300.00PFJ T 0603	5230017491	50V_X7R		
50	1	C888	270pF 0402 RV			50V_NPO		
51	1	C889	10000pF_0805	CAPACITOR,MONOLITHIC SMD REEL X7R 50V10000.00PFK T 0805	5230810391	50V_X7R		
52	1	C890	560pF 0603	CAPACITOR,MONOLITHIC SMD REEL X7R 560.00PFK T 0603	5230656191	50V_X7R		

TTB12 R00A BOM

53	+	C897		3900pF-0603	CAPACITOR,MONOLITHIC SMD REEL X7R DC 50V 3900.00pF K T-0603	5230639291	50V_X7R	
54	+	C905		2700pF-0603	CAPACITOR,MONOLITHIC SMD REEL X7R 2700.00pF K T-0603	5230627291	50V_X7R	
55	9	D1.D2.D3.D4.D5.D13.D39. D40.D700.D51		1N4148_TS-4148	DIODE SWITCHING SMD LL4148	6613003055	200 mA_NS	
56	19	D6.D7.D8.D9.D703.D704. D708.D709.D712.D713.D717. D721.D726.D727.D728.D732. D739.D740.D742		RB501V_40_SOD323	DIODE RECTIFIER SBD 100mA RB501V-40	6611035551	100mA_ROHM	
57	5	D10.D11.D12.D729.D731	RA RB RC	BAT54C_SOT23_123	DIODE,RECTIFIER SBD FAIRCHILD BAT54C SOT23 30V 0.2A C-K DIODE SWITCHING DUAL SMD PHI BAT54C SOT23 DIODE SWITCHING DUAL SMD VISHA BAT54C SOT23	6611070751 6613001950 6613001951	200 mA_PHILIPS	
58	3	D14.D720.D46		MLVS-K14_0603	ESD SMD 0603 INPAQ MLVS0603K14	5786800006	ESD_INPAQ	
59	1	D46.D15		MLVS-K14_0603_RV			ESD_INPAQ	
60	25	D17.D18.D19.D20.D21.D22. D23.D24.D25.D26.D27.D28. D29.D30.D31.D32.D41.D42. D43.D47.D48.D722.D723. D724.D52.		V-PORT-0603-100-K-V05	ESD/EMI SUPPRESSOR(SMD) VPORT0603-100-K-V05 0603	5786800004	ESD_INPAQ	
61	10	D33.D34.D35.D36.D37.D38 D44.D45.D49.D50		EGA1-0603-V05-A	ESD SMD 0603 INPAQ EGA1-0603-V05-A	5786800005	ESD_INPAQ	
62	8	D702.D705.D707.D710.D711. D714.D738.D741		MBRM140T3_CASE457-04	DIODE ,MBRM140T3 CASE457-04	6611033850	1000mA_ON	
63	1	D716.D715		EC31QS03L_TS-5817	DIODE,RECTIFIER SBD SMD EC31QS03L	6611070750	3A_NIHON	
64	4	D718.D719.D733.D736.D737.D51.		EC21QS03L_TS-5817	DIODE RECIFITER SBD EC21QS03L SMD(4525)	6611011351	2000mA_NIHON	
65	+	D725		EC21QS03L_TS-5817-RV			2000mA_NIHON	
66	1	D730		CSL_S170Q2L_H_TS-LT1H40A	DIODE,LED CSL-S170Q2L-H ORANGE SMD 0805	6618018418	Orange Light_CSC	
67	2	F2.F1		F1250T_FSOD6_TS-FUSE_F1250T	FUSE F1250T 250V/1.25A FSOD6	5054412501	1.25A_250V_TECCOR	
68	3	F3.F4.F5	RA RB	FSMD_110_TS-SMD1812P110TS	THERMISTOR POLYSWITCH 1.1A 2P SMD SMD1812P110TS T&R	5101112314 5101112306	1.1A Polyswitch_FUZETEC	
69	1	F700		3216FF-250mA_TS-FB1206	FUSE,SMT,FAST-ACTING 3216FF-250mA, FB1206 DC63V	5054402591	32V/250mA_3.2x1.6x0.89_Bussmann	
70	2	F701.F702		3216FF-5A_TS-FB1206	FUSE,SMT,FAST-ACTING 3216FF-5A,32V/5A,1206	5054450090	32V/5A_3.2x1.6x0.89_Bussmann	
71	2	H1.H4.H6.H9		HOLE_158			Hole	
72	2	H2.H3.H5.H8.H7.		HOLE_110				
73	1	JCB1		62597-00B	CONN(PCMCIA SOCKET BELOW) FCI_68P,P=0.635mm,S/O=0mm,GOLD SM	5782290019	PCMCIA-SMD_FCI	
74	1	JCR1		SF0-01100-32T3	CONNECTOR,CRADLE 10.4" CEN 32P,P=1.27mm,H=7.0MM,SMT	5782720151	32 PIN 2.54mm Pitch_CEN	
75	1	JDC700		2DC_0026-B04	CONN,(DC POWER JACK)SINGATRON_3P,4A/20V,2.5mm-L,H=7mm,DIP	5782403036	DC Jack_5.5/2.0mm_SINGATRON	
76	2	JINMIC1.JFAN1.JINMIC2		SM03B_SRSS_TB	CONNECTOR(BOX HEADER) SM03B-SRSS-TB,3P,P=1mm-L,SMD	5782510091	Connector 3Pin 1.0mm Side entry_HRS	
77	3	JSPK1.JFINGER1.J10.H1.H3		SM04B_SRSS_TB	CONNECTOR 4P SMD TIN SM04B SRSS-TB	5056901119	Connector 4Pin 1.0mm Side entry_JST	
78	1	JIDE1		GC-CE1SB01	CONNECTOR(HEADER SOCKET) CEN 2x22P,P=2.0mm-L,G/F,SMD,H=6.2	5782522040	2.0mm Pitch Side Entry FeMALE SMD Type_SUYIN	
79	1	JIRDA1		HSDL-3603	IC,IRDA MODULE 4MB/S AGILENT GSDL-3603-007 SMD 8PIN	6641001702	IRDA_Agilent	
80	1	JLAN1		PJS-28CD3	CONN,(MODULE JACK) SUPER-LINK 2IN1,RJ11&RJ45,12P.OFFSTE,SMD	5782403111	Phone jack 2 in 1 SMT Type_OCTEK	
81	2	JLOUT1.JMIC1		YHTJ-035-41AS	CONN,(PHONE JACK) SUPER-LINK_5P,3.5mm,R/A,H=5mm,DIP FOR SMD	5782403039	Audio I/O Jack_Super Link	
82	1	JMDC1		C104A-050F030P28	CONNECTOR,(B TO B MDC FEMALE) 30P,P=0.8mm,TIN MATTING H=5.0	5782131100	MDC Connector (MH=5.0mm)_QTC	
83	1	JPCI1		mini PCI TYPE III_1	CONNECTOR (MINI PCI) 124P P=0.8mm H=4.0mm GOLD	5782112010	Mini PCI type III_AMP	
84	1	JP700		SHORT100x40			Short PAD	
85	1	JSTAND1.J15		SM07B_SRSS_TB	CONNECTOR(BOX HEADER) SM07B-SRSS-TB,7P,P=1.0mm-L,SMD	5782510281	Connector 7Pin 1.0mm Side entry_JST	
86	2	JUSB1.JUSB2		440314-1	CONN,(USB A TYPE 2.0 DIP) AMP 4P SINGLE REVERSE OFFSET GOLD	5782400006	USB2.0 Connector_AMP	
87	1	JVGA1		7846S-15G2T-IC	CONNECTOR,(D-SUB REVERSE) SUYIN_15P,3ROW,FEMALE,G/F,R/A,PC95	5782402102	VGA R/A DIP Reverse Type_SUYIN	
88	+	J4		50FLZ-SMT-R-TB		NEW	Connector inner look type_SUYIN	
89	1	J4		HEADER 2X10_SMD_RV	CONNECTOR P=2.0mm, 20Pin SMD	NEW	2.0mm_20 Pin_欣訊	
90	1	J6		2X3_2MM	CONNECTOR (BOX SOCKET) 2X3P P=2.0mm-L,G/F FEMALE DIP	5782522010	2x3 Pin, 2.0mm, R/A, G/F_SUYIN	
91	1	J8		MM50-200B1-1R	CONNECTOR,(DDR DO DIMM SOCKET) 200P,P=0.6mm,H=5.2mm,REVERSE	5782164010	DDR-SODIMM SOCKET_0.6Pitch-5.2mm_JAE	
92	1	J9		UV31403-Z6-TR	CONN,(IEEE 1394 SMD) FOXCONN_4P,R/A,REVERSE,OFFSET,BLACK	5782401004	1394 Connector SMD_FOXCONN	
93	1	J701.H2		SM02B_SRSS_TB	Connector (BOX HEADER) SM02B-SRSS-TB 2P, P=1.0mm-L SMD (Side entry	5782510201	Connector 2Pin 1.0mm Side entry_JST	
94	1	J700		SB1-04272-13T3	CONN,(BATT.CONN.MALE DIP) CEN_7P,P=2.5mm-L,GOLD,R/A,H=4.6mm	5782500090	Battery connector 4.0mm Left_CEN	
95	1	J702		CPUPAD			For Vcore safety	
96	+	J703		SM16B-SHLS-TF		NEW	EV-Battery-Connector	
97	3	L1.L2.L3		MLB-160808-0300L-N2_0603	FERRITE BEADS CHIP MLB-160808-0300L-N2_0603	5062132320	300 ohm_500mA_MAG	
98	32	L4.L5.L7.L9.L10.L11.L12. L13.L14.L15.L16.L17.L19. L20.L21.L22.L25.L26.L27. L28.L29.L30.L31.L42.L44. L45.L47.L48.L50.L55.L60. L61.L62.L63.L64		BLM11P300S_0603	FILTER,EMI SUPPRESSION BLM11P300SPT CHIP REEL 0603	5062122461	30 ohm_1A_MURATA	

TTB12 R00A BOM

99	5	L6.L8.L18.L23.L24		BLM21PG600SN1_0805	CORE FERRITE BEAD CHIP BLM21PG600SN 60-OHM 3A 0805	5062133604	60 ohm 3A_MURATA	
100	2	L33.L32		ACM2012-900-2P-T	COKL CHOKE COMMON_PDE S,D AC.2012-900-2O-T 900OHM 4PIN	5062141701	90 ohm 200mA_TDK	
101	5	L34.L37.L57.L58.L59		BLM11B750S_0603	FERRITE CHIP 0603 BLM11B750S-PT 750HM 0.2A	5062129501	75 ohm 200mA_MURATA	
102	2	L36.L35	RA RB	HMZ201209T-601Y-H_0805	FERRITE BEAD HMZ201209T-601Y-H 0805	5062128602 5062133006	600ohm_150mA	
103	4	L38.L39.L40.L41		HF1_160808_1N2_0603	INDUCTOR SMD 0603 HF1-160808-1N2S 1.2NH 300m	5062135202	1.2 nH 300mA_MAG	
104	3	L46.L49.L56		YFD3216T-900	COIL CHOCK COMMON MODE YFD3216T-900 90ohm 0.37A SMD	5062135005	90 ohm 370mA_YOUTH	
105	1	L700		MLP2525CZ-R68		NEW	5.5m-ohm-15.5A-VISHAY	
106	1	L701.L702.L715.L703		CDRH4D28_2R2	INDUCTOR-SMD-POWER CDRH4D28-2R2 2.2UH 2.04A	5062128018	31.3m-ohm-2.04A-SUMIDA	
107	2	L704.L705.L706		CDRH6D28_100	INDUCTOR-SMD-POWER CDRH6D28-100-10UH 1.7A	5062128022	65m-ohm-1.7A-SUMIDA	
108	1	L707		CDRH4D28_220	INDUCTOR-SMD-POWER CDRH4D28-220 22UH 0.7A	5062128020	235.0m-ohm-0.7A-SUMIDA	
109	1	L708.L712		NFM46P11C155_TS-NFM5PC	FILTER SMD NFM46P11C155 50V 1.5UF 6A	5062124507	FILTER 50V, 1.5UF, 6A_MURATA	
110	4	L710.L709.C718.C719.		MLB_160808_0120R_S2_0603	CORE FERRITE CHIP MLB-160808-0120R-S2 0603 120	5062132312	120 ohm 200 mA_MAG	
111	1	L711		CDRH104R_220	INDUCTOR-SMD-POWER-SUMIDA CDRH104R-220 22UH 2.9A	5062128014	73m-ohm-2.9A-SUMIDA	
112	1	L716		YC104R-6R8	INDUCTOR-SMD-POWER YC104RT*6R8M-6.8UH 5A	5062128364	32m-ohm-5A-COILS	
113	7	PR1.PR39.PR40.PR41.PR42. PR43.PR45		10K_PR8P	RESISTOR NETWORK DIP,SMD REEL B 08P04R 10.00KJ CONVEX 3216	5160310107	5%_8P4R	
114	20	PR2.PR4.PR6.PR8.PR10. PR11.PR13.PR15.PR17.PR19. PR21.PR23.PR25.PR27.PR29. PR31.PR33.PR35.PR37.PR44		10_PR8P_2010	RESISTOR NETWORK DIP,SMD REEL B 08P04R 10.00 J CONVEX 2010	5160321013	5%_8P4R	
115	18	PR3.PR5.PR7.PR9.PR12. PR14.PR16.PR18.PR20.PR22. PR24.PR26.PR28.PR30.PR32. PR34.PR36.PR38		56_PR8P_2010	RESISTOR NETWORK DIP,SMD REEL B 08P04R 56.00 J CONVEX 2010	5160321012	5%_8P4R	
116	1	Q1		FDN338P_SOT23_RV			PMOS_Fairchild	
117	3	Q2.Q3.Q26		FDV301N_SOT23_GDS	TR FET FDV301N	6626005051	VGS(TH)=0.85V_FAIRCHILD	
118	5	Q4.Q21.Q705.Q707.Q759.		FDN304P_SOT23_GDS	TR MOSFET_P-CH 1.8V FDN304P,SOT-3 3P	6626002153	VGS(TH)=-0.8V_Fairchild	
119	19	Q5.Q9.Q16.Q20.Q700.Q706. Q710.Q711.Q714.Q715.Q717. Q719.Q732.Q733.Q737.Q743. Q744.Q760.Q762.		2N7002_SOT23_GDS	TR MOSFET N-CH SMD 2N7002E SOT-23	6626004903 6626004900 6626004600	VGS(TH)=2.1V_VISHAY	
120	3	Q6.Q17.Q740		MMBT3906_SOT23_BCE	TR PNP SMD MMBT3906LT1 (2N3906),3PIN	6623002950 6623002951 6623003050	-IC=200 mA_FAIRCHILD	
121	1	Q7		BSS138_SOT23_GDS	TR FET BSS138 SUPERMICRO	5758300105 6625005050	VGS(TH)=0.8 ~ 1.6V_FAIRCHILD	
122	8	Q8.Q15.Q730.Q734.Q735 Q761.Q757.Q758.		SI4835DY_SO8	C MOSFET P-CHANNEL SI4835DY SO8	6642000255	VGS(TH)= -1V_VISHAY	
123	5	Q10.Q11.Q18.Q19.Q756.		MMBT3904_SOT23_BCE	TR NPN SMD MMBT3904LT1 (2N3904),3PI	6622002250 6622002252 6622002258	IC=200 mA_FAIRCHILD	
124	2	Q25.Q24		2N7002_SOT23_GDS_RV				
125	7	Q708.Q709.Q712.Q713.Q728. Q731.Q748		SI4876DY_SO8	TR FET MOS POWER N-CH SI4876DY SO8	6642001458	VGS(TH)=0.6_VISHAY	
126	3	Q716.Q729.Q738	RA RB	SI2303DS_SOT23_GDS	TR MOSFET P-CH SI2303DS SOT23	6626006403 6626006855	VGS(TH)=-1V_VISHAY	
127	2	Q720.Q718		FDN338P_SOT23_GDS	TR MOSFET P-CH FDN338P 2.5V SOT-23	6626002554	VGS(TH)=-0.8V_Fairchild	
128	2	Q745.Q725.Q753		FDS6612A_SO8	IC,MOSFET N-CHANNL FDS6612A SO-8 30V 8.4A	6642000355	VGS(TH)=1.6V_FAIRCHILD	
129	2	Q726.Q746.Q755		SI4362DY_SO8	TR FET MOS POWER N-CH SI4362DY SO8	6642001456	VGS(TH)=1.6V_VISHAY	
130	7	Q727.Q749.Q750.Q751.Q752.Q754. Q736.		FDS6982S_SO8	IC,MOSFET N-CHANNL FDS6982S SO8 ,8PIN	6644009252	VGS(TH)=1.0V_Fairchild	
131	1	Q736.Q747		SI4834DY_SO8	TR FET MOS POWER DUAL N-CH DUAL N-CH SI4834DY SO8	6642001457	VGS(TH)=0.8V_VISHAY	
132	1	Q739		PBSS5140T_SOT23_123	TR PNP HF SMD PBSS5140T,SOT23	6624010353	-IC=100 mA_PHILIPS	
133	1	Q741		SI7888DP	TR FET N-CHANNEL MOSFET VISHAY SI7888DP POWERPAK SO-8	6642005051	VGS(TH)=0.8V_VISHAY	
134	1	Q742		SI7886DP	TR FET N-CHANNEL MOSFET VISHAY SI7886DP POWERPAK SO-8	6642005050	VGS(TH)=0.8V_VISHAY	
135	55	R1.R2.R195.R197.R199. R201.R204.R206.R207.R208. R209.R213.R214.R215.R216. R217.R218.R220.R221.R223. R224.R225.R226.R227.R236. R238.R239.R240.R242.R244. R246.R248.R250.R251.R252. R253.R254.R255.R256.R257.		56_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 56.00 J T 0402	5139656009	5%_1/16W	

TTB12 R00A BOM

		R258.R259.R260.R261.R262. R263.R264.R265.R266.R267. R282.R290.R300.R303.R317					
136	3	R3.R164.R170	1K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.00KF T 0603	5134110019	1% 1/16W	
137	6	R4.R6.R16.R142.R143.R153	27.4_0603	RESISTOR THICK FILM SMD REEL RMC 1/10W 27.40 F T 0603	5134227499	1% 1/10W	
138	2	R7.R5	54.9_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 54.9 F T 0603	5134154999	1% 1/16W	
139	4	R8.R88.R285.R461.R512	330_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 330.00 J 0603	5134333109	5% 1/16W	
140	1	R9	2K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 2.00KF T 0603	5134120019	1% 1/16W	
141	9	R10.R11.R12.R135.R136. R137.R161.R168.R821	1K_0402_RV			5%_1/16W	
142	11	R13.R17.R116.R118.R138. R139.R176.R182.R347.R348 R536.	150_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 150.00 F 0603	5134115009	1%_1/16W	
143	2	R402.R14	619_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 619.00 F 0603	5134161909	1% 1/16W	
144	3	R15.R507.R511	39_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 39.00 J T 0603	5134339009	5% 1/16W	
145	2	R345.R18	130_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 130.00 F T 0603	5134113009	1% 1/16W	
146	68	R19.R20.R52.R72.R73.R82. R93.R125.R166.R187.R271. R273.R292.R293.R294.R295. R298.R314.R315.R316.R318. R320.R321.R322.R323.R324. R325.R326.R327.R328.R329. R330.R331.R332.R333.R352. R364.R365.R370.R381.R421. R425.R459.R460.R481.R491. R498.R499.R501.R505.R506. R517.R518.R521.R524.R528. R529.R535.R701.R702.R727. R734.R746.R792.R805.R807 R808.R810.R811.R872.R537.	10K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00KJ T 0402	5139610305	5%_1/16W	
147	41	R21.R22.R68.R86.R127. R129.R130.R144.R145.R146. R154.R184.R188.R268.R269. R270.R287.R349.R356.R363. R368.R399.R450.R452.R477. R522.R523.R712.R724.R740. R758.R779.R800.R801.R128. R815.R816.R833.R836.R879. R880.R881.R907.	100K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 100.00KJ T 0402	5139610405	5%_1/16W	
148	57	R23.R70.R434.R435.R436. R437.R438.R440.R441.R443. R444.R445.R446.R447.R449. R451.R453.R454.R455.R457. R468.R469.R470.R476.R703. R705.R706.R707.R708.R715. R718.R720.R721.R725.R729. R730.R731.R736.R737.R738. R741.R749.R751.R753.R754. R763.R764.R766.R767.R771. R773.R774.R775.R784.R785. R787.R788.R803.R842.R881. R883.R900.R887.R888.R889. R890.R891.R892.R895.R539 R540.R541.R542.R543.	0_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 0.00 J T 0603	5134300009	5%_1/16W	
149	11	R24.R71.R341.R439.R442. R820.R544.R545.R546.R547. R906.	0_0603_RV			5%_1/16W	
150	2	R25.R26	54.9_0603_RV			1% 1/16W	
151	10	R27.R28.R29.R30.R39.R40. R134.R147.R148.R162.R395. R396.R397.R398	49.9_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 49.90 F T 0603	5134149999	1%_1/16W	
152	31	R31.R32.R33.R34.R37.R38. R42.R44.R45.R46.R47.R49. R50.R51.R53.R54.R62.R288.	33_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 33.00 J T 0402	5139633009	5%_1/16W	

TTB12 R00A BOM

		R289.R304.R305.R306.R309. R375.R376.R406.R407.R408. R409.R428.R55					
153	2	R35.R36.R55	33_0402_RV			5% 1/16W	
154	65	R41.R43.R59.R61.R77.R81. R83.R85.R87.R89.R90.R91. R94.R96.R97.R98.R167. R185.R272.R276.R277.R278. R279.R281.R284.R286.R291. R299.R301.R302.R308.R310. R351.R359.R371.R379.R380. R383.R384.R385.R388.R389. R392.R393.R394.R401.R403. R404.R405.R422.R423.R424. R458.R475.R478.R485.R486. R488.R490.R503.R504.R514. R526.R527.R812.R538.R283. R479.R284.	0_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 0.00 J T 0402	5139600009	5%_1/16W	
155	1	R48	475_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 475.00 F T 0603	5134147509	1% 1/16W	
156	13	R56.R58.R60.R65.R74.R131. R163.R186.R283.R350.R479 R700.R64.R537.R284.R478. R283.	0_0402_RV			5%_1/16W	
157	10	R57.R307.R313.R334.R335. R337.R549.R551.R552.R553.	10K_0402_RV			5%_1/16W	
158	14	R63.R66.R67.R280.R311. R338.R339.R342.R414.R429. R430.R796.R824.R538.R390.	1K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.00KJ T 0402	5139610209	5%_1/16W	
159	1	R64	330_0603_RV			5%_1/16W	
160	20	R69.R360.R369.R530.R531. R534.R722.R728.R735.R742. R789.R791.R793.R794.R813. R819.R830.R835.R853.R884 R550.	1M_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.00MJ T 0603	5139610509	5%_1/16W	
161	1	R100	380K_0603_RV			1% 1/16W	
162	12	R101.R105.R110.R111.R112. R743.R822.R910.R912.R914. R916.R918.	220K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 220.00KF T 0603	5134122039	1%_1/16W	
163	5	R102.R103.R104.R109.R113	330K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 330.00KF T 0603	5134133039	1% 1/16W	
164	1	R108	68.1K_0603_RV			1% 1/16W	
165	3	R122.R483.R487.	470K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 470.00KJ T 0603	5134347409	5% 1/16W	
166	2	R132.R133	301_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 301.00 F T 0603	5134130109	1% 1/16W	
167	8	R140.R151.R152.R165.R169. R744.R874.R397.	100_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 100.00 F T 0603	5134110009	1%_1/16W	
168	1	R141	137_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 137.00 F T 0603	5134213709	1% 1/10W	
169	11	R149.R150.R172.R173.R174. R175.R179.R180.R274.R275. R390.R831	2.2K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 2.20KJ T 0402	5139622209	5%_1/16W	
170	6	R155.R156.R157.R336.R477.R724.	100K_0402_RV			5% 1/16W	
171	1	R158	243_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 243.00 F T 0603	5134124309	1% 1/16W	
172	3	R159.R838.R839.R865	1.5K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.50KF T 0603	5134115019	1% 1/16W	
173	1	R160	56.2_0603_RV			1% 1/16W	
174	1	R171	40.2_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 40.20 F T 0603	5134140209	1% 1/16W	
175	2	R181.R177	604_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 604.00 F T 0603	5134160409	1% 1/16W	
176	2	R178.R183	60.4_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 60.40 F T 0603	5134160499	1% 1/16W	
177	5	R189.R190.R191.R806.R809	1_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.00 J T 0603	5134301009	5% 1/16W	
178	28	R192.R193.R194.R196.R198. R200.R202.R203.R205.R210. R211.R212.R219.R222.R228. R229.R230.R231.R232.R233. R234.R235.R237.R241.R243. R245.R247.R249	10_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00 J T 0402	5139610009	5%_1/16W	
179	1	R296	22.6_0603	RESISTOR THICK FILM SMD REEL RMC 1/10W 22.60 F T 0603	5134222699	1% 1/16W	
180	14	R297.R373.R374.R415.R456.	4.7K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 4.70KJ T 0402	5139647209	5%_1/16W	

TTB12 R00A BOM

		R473.R474.R515.R516.R818. R893.R548R82.R93.					
181	1	R312	48.7 0603	RESISTOR THICK FILM SMD REEL RMC 1/10W 48.70 F T 0603	5134248799	1% 1/16W	
182	9	R319.R497.R713.R714.R759. R760.R780.R781.R894	15K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 15.00KJ T 0402	5139615309	5%_1/16W	
183	1	R340	180K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 180.00KJ T 0603	5134318409	5% 1/16W	
184	2	R343.R344	10M_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00MJ T 0603	5134310609	5% 1/16W	
185	1	R346	487_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 487.00 F T 0603	5134148709	1% 1/16W	
186	6	R353.R748.R770.R860.R898 R899.R875.R876.R877.R898 R709.R761.	10K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00KF T 0603	5134110029	1%_1/16W	
187	4	R354.R355.R357.R358	56.2 0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 56.20 F T 0603	5134156299	1% 1/16W	
188	1	R361	5.1K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 5.10KF T 0603	5134151019	1% 1/16W	
189	6	R362.R410.R411.R412.R413. R427	100_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 100.00 J T 0402	5139610109	5%_1/16W	
190	3	R366.R745.R878	47K_0402	RESISTOR THICK FILM SMD REEL RMC 1/16W 47.00KJ T 0402	5139647309	5% 1/16W	
191	2	R448.R367	47_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 47.00 J T 0603	5134347009	5% 1/16W	
192	2	R377.R386.R762	19.1K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 19.10KF T 0603	5134119129	1% 1/16W	
193	7	R378.R382.R733.R752.R843 R844.R761	15K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 15.00KF T 0603	5134115029	1%_1/16W	
194	1	R400	549_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 549.00 F T 0603	5134154909	1% 1/16W	
195	7	R416.R417.R418.R419.R508. R509.R510	75_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 75.00 F T 0603	5134175099	1%_1/16W	
196	1	R420	61K_0603 RV			5% 1/16W	
197	1	R426.R870	200_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 200.00 J T 0603	5134320109	5% 1/16W	
198	1	R462	4.7_2010	RESISTOR THICK FILM CHIP 2010 RMC 3/4W 4.70J T 2010	5136005303	5% 3/4	
199	4	R466.R832.R834R732.	100K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 100.00KF T 0603	5134110039	1% 1/16W	
200	2	R484.R489.	560K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 560.00KJ T 0603	5134356409	5% 1/16W	
201	2	R513.R852	1.3K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.30KJ T 0603	5134313209	5% 1/16W	
202	1	R519	4.7K_0402 RV			5% 1/16W	
203	1	R533	100K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 100.00KJ T 0603	5134310409	5%_1/16W	
204	6	R704.R719.R750.R765.R772. R786	RL3720WR010J	RESISTOR THICK FILM SMD REEL RMC 1W 0.01 F T 3720	5136007001	5%_1W	
205	6	R709.R716.R755.R761.R776. R782.R862.R864	22.1K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 22.10KF T 0603	5134122129	1%_1/16W	
206	1	R710	4.99K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 4.99KF T 0603	5134149919	1% 1/16W	
207	2	R717.R897.R716.	6.98K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 6.98KF T 0603	5134169819	1% 1/16W	
208	7	R723.R823.R908.R909.R911.R913 R915.R917	1M_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.00MF T 0603	5134110049	1%_1/16W	
209	1	R726	510K_0603 RV	RESISTOR THICK FILM SMD REEL RMC 1/16W 510.00KF T 0603	5134151039	1% 1/16W	
210	1	R732	24K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 24.00KJ T 0603	5134324309	5% 1/16W	
211	1	R739	330K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 330.00KJ T 0603	5134333409	5% 1/16W	
212	1	R756	68.1K_0603	RESISTOR THICK FILM SMD REEL RMC 1/10W 68.10KF T 0603	5134268129	1% 1/10W	
213	6	R757.R778.R797.R837R854 R886.R885	10_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00 J T 0603	5134310009	5%_1/16W	
214	1	R768	47K_0402 RV			5% 1/16W	
215	1	R777	115K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 115.00KF T 0603	5134111539	1% 1/16W	
216	1	R783	27.4K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 27.40KF T 0603	5134127429	1% 1/16W	
217	1	R790.R896	28K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 28.00KF T 0603	5134128029	1% 1/16W	
218	1	R795	13K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 13.00KF T 0603	5134113029	1% 1/16W	
219	2	R798.R802	4.7_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 4.70 J T 0603	5134347909	5% 1/16W	
220	2	R799.R804	RL3720WR050J	RESISTOR THICK FILM SMD REEL RMC 1W 0.05 F T 3720	5136007002	5% 1W	
221	2	R828.R814	301K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 301.00KF T 0603	5134130139	1% 1/16W	
222	1	R817	3_0603	RESISTOR THICK FILM SMD REEL RMC RMC 1/10W 3.00J T 0603	5134603009	5% 1/10W	
223	1	R825	1.3M_0603	RESISTOR THICK FILM SMD REEL RMC RMC 1/10W 1.30MJ T 0603	5134613509	5% 1/10W	
224	3	R826.R827.R829	499K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 499.00KF T 0603	5134149939	1% 1/16W	
225	3	R850.R845.R840	3.57K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 3.57KF T 0603	5134135719	1% 1/16W	
226	1	R841	243K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 243.00KF T 0603	5134124339	1% 1/16W	
227	1	R846	54.9K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 54.90KF T 0603	5134154929	1% 1/16W	
228	1	R847	1.8K_0603 RV	RESISTOR THICK FILM SMD REEL RMC 1/16W 1.80KJ T 0603	5134318209	5% 1/16W	
229	1	R848	45.3K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 45.30KF T 0603	5134145329	1% 1/16W	
230	2	R849.R790	75K_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 75.00KF T 0603	5134175029	1% 1/16W	
231	1	R851	3.57K_0603 RV			1% 1/16W	
232	1	R859	390_0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 390.00 J T 0603	5134339109	5%_1/16W	

TTB12 R00A BOM

233	1	R863		2.67K-0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 2.67KJ T-0603	5134126719	1% 1/16W	
234	1	R868		36.5K-0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 36.50KJ T-0603	5134136529	1% 1/16W	
235	1	R873		140K 0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 140.00KJ T-0603	5134114039	1% 1/16W	
236	3	R875-R876-R877		10K-0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 10.00KJ T-0603	5134310309	5% 1/16W	
237	2	R880-R879		61K-0603		NEW	5% 1/16W	
238	1	R881		68K-0603	RESISTOR THICK FILM SMD REEL RMC 1/16W 68.00KJ T-0603	5134368309	5% 1/16W	
239	1	U1		BANIAS FCBGA479	CPU ULV-BANIAS 0.13u 900MHZ/600MHZ,400PSB L2=1M	5760109007	CPU INTEL	
240	1	U2		ADM1032ARM_RM8_TS-SSOP8 189	IC LOGIC ADM1032ARM RM-8(USOIC-8P)	6645017100	Thermal Sensor ADI	
241	1	U3		W320-04 TS-TSSOP56 306	IC LSI IC-WORK W320-04X, TSSOP-56	6647008456	Clock generator CYPRESS	
242	1	U4		ICS91718 SO8	IC Spread Spectrum Clock Generator ICS91718 M-T SOIC 8PIN	6644036658	Spread Spectrum Clock Generator ICS	
243	1	U5,U42,U43		SN74LVC32APWR TSSOP	IC DIGITAL TTL SN74LVC32APWR TSSOP 14PIN	6646009451	Quadruple OR Gate TI	
244	1	U6		H8S 2149 TS-TQFP100NC	IC PROGRAMMABLE HD64F2149YTE10,TFP-100B	6647000351	EC HITACHI	
245	1	U11		855GM	IC LSI MONTARA-GM GMCH 855GM MICRO-FCBGA 732PIN	6647051053	NB INTEL	
246	3	U12,U25,U39		SI9933DY SO8	IC LINEAR SMD REEL MOSFET DRIVE 8PIN,20V,3.4A,150MIL	6644075755	VGS(TH)=-0.8V VISHY	
247	8	U13,U14,U15,U16,U17,U18,U19,U20	RA RB	MT46V16M16TG-75L TSOP-66 HY5DU561622AL-T-H	IC MEM 16M*16 DDR 133MHZ MT46V16M16TG-75L TSOP 66PIN IC LSI 16M*16 DDR 133MHZ HYNIX HY5DU561622AL-T-H TSOP 66PIN	6647043851 6647001654	66PIN DDRAM_MICRON HYHIX	
248	1	U21		ICH4-M BGA-421	IC,LSI ICH4-M 82801DBM BGA 421PIN	6647019457	SB INTEL	
249	1	U22		R5C551	IC,LSI PCI-CARDBUS/1394 RICOH R5C551 CSP 208PIN	6647013059	CardBus controller RICOH	
250	1	U23	RA RB	M24C02-WDW6 TSSOP8	IC MEMORY EEPROM M24C02-WDW6T ,TSSOP8 IC MEMORY SMD REEL AT24C02-10TC-2.7-8-T TSSOP8	6647051951 6647051650	ST-EEPROM_ST	
251	1	U24		R5531V SSOP16	IC,LINEAR PCMCIA POWER RICOH R5531V SSOP16 CONTROLLER	6644008952		
252	1	U26		ALC202 LQFP48	IC LSI AC'97 Codec ALC202 LQFP 48PIN	6647039253	AC'97 Codec REALTEK	
253	1	U27	RA RB	APA4863_RI_TR	IC LINEAR APA4863-R1-TR TSSOP-P*,20PIN IC LINEAR LM4863MTE TSSOP 20P	6644077850 6644015455	8 ohm_1.1W_ANPEC	
254	1	U28	RA RB	AT93C46_10SC_2.7_SO8	IC MEMORY EEPROM AT93C46-10SC-2.7 SO-8 150MM IC MEMORY EEPROM AT93C46-10S1-2.7 SO-8 150MM	6647005757 6647009555	LAN EEPROM_ATMEL	
255	1	U29		82562ET SSOP48	IC,LSI 10/100 LAN CONNECT I/F	6647019062	10/100 Mbps Ethernet INTEL	
256	1	U30		H0019 PULSE	IC ETHERNET MAGNETICS H0019T	6647029055	1:1 Transformer PULSE	
257	1	U31		LPC47N227 100Pin STQFP	IC,LSI SUPER I/O WITH LPC SMSC LPC47N227 100PIN STQFP	6647022853	Super IO SMSC	
258	1	U32		SN74AHC1G14DBV SOT23-5	IC,DIGITAL TTL SMD REEL SN74AHC1G14DBV SOT23-5B	6646059951	1 GATE SCHMITT TRIGGER TI	
259	2	U33,U34,U35,U36		SN74CBT3345DBR SSOP20	IC,DIGITAL TTL 8BIT BUS SWITCH SN74CBT3345DBR SSOP20 TI	6646058059	20Pin 8-bit Qswitch TI	
260	1	U37		49LF008A TSOP	IC,MEMORY FLASH EPROM 8M SST SST49LF008A-33-4C-WH TSOP32PIN	6647026157	LPC BIOS SST	
261	1	U40		SN74AHC1G32DCK SC70	IC DIGITAL TTL SMD REEL SN74AHC1G32DCK SOT353	6646060052	OR_GATE TI	
262	1	U41		SN74AHC1G08DCK SC70	IC,DIGITAL TTL SN74AHC1G08 5PIN DCKR	6646059957	AND_GATE TI	
263	1	U44		SN74LVC2G00DCUR VSSOP8	IC DIGITAL SN74LVC2G00DCUR VSSOP8	6646010552	Dual NAND Gate TI	
264	1	U700		BQ2057C 4.2 TSSOP8	IC Charge Management 4.2V BQ2057CTS TSSOP8	6644075859	SUB BATTERY CHARGER TI	
265	2	U708,U702		LP339 M14A TS-SO14	IC LINER SMD REEL LP339M SO14 150MIL	6644008350	Quad Comparator NS	
266	1	U703		LP2980AIM5X 2.5 SOT23-5	IC VOLTAGE REGULATOR LP2980AIM5-2.5 ,SOT23-5	6640006754	Regulator 2.5V NS	
267	1	U706		MAX1645EEI QSOP28	IC CHARER MAX1645AEEI QSOP28	6644017656	IC Level 2 Battery charger MAXIM	
268	1	U707		ISL6218 38Lead TSSOP	IC,SWITCH REGULATOR PWM INTERS ISL6218CV-T 38LEAD TSSOP	6640001851	INTERSIL PWM	
269	1	U709		FAN5236QSCX QSOP-28	IC PWM CONTROLLER 3 PHASE SWITCHING FAN5236QSCX QSOP-28PIN	6644030453	3-PHASE SWITCHING FAIRCHILD	
270	1	U710		LP2980AIM5X 3.3 SOT23-5	IC,SWITCH REGULATOR NS LP2980AIM5X-3.3 SOT23-5	6640006757	Regulator 3.3V NS	
271	3	U711,U712,U713		LTC3728LXCUH QFN32	IC,SWITCH REGULATOR LINEAR-TEC LTC3728LXCUH QFN 32PIN	6640004553	2 PHASE SWITCHING LINEAR	
272	1	Y1	RA RB RC	14.318MHZ_TS-CS10_2P	CRYSTAL 14.318MHz 20pF+-30ppm SMD CRYSTAL DSX630G/14.31818MHz 20pF+-30ppm SMD CRYSTAL 14.318MHz 20pF+-30ppm SMD	6699106035 6699106036 6699106246	CRYSTAL_CITIZEN	
273	1	Y2	RA RB	10MHZ_TS-FSX-7M	10 MHz 16pF+-30ppm SMD 10 MHz 16pF+-30ppm SMD	6699122724 6699122725	CRTSTAL_FUJICOM	
274	1	Y3		32.768KHZ_TS-CMR200T	CRYSTAL 32.768KHz 12.5pF+-20ppm SMD	6699118627	CRYSTAL_CITIZEN	
275	2	Y5,Y4	RA RB RC	24.576MHZ_TS-CS10_2P	CRYSTAL 24.576MHz 20pF+-30ppm SMD CRYSTAL 24.576MHz 20pF+-30ppm SMI CRYSTAL 24.576MHz 20pF+-30ppm SMI	6699134510 6699134511 6699134512	CRYSTAL_CITIZEN	
276	1	Y6	RA RB	25MHZ_TS-CSX-750FBB	OSCILLATOR_CITIZEN OSCILLATOR DSO751SV/25.000MH	6699325527 6699325524	OSCILLATOR_CITIZEN	
277	1	Y7		14.318MHZ_TS-CSX-750PBB_RV	CRYSTAL OSC SMD HARMONY 14.31818MHz +/-50PPM 30PF 1XSH014318	6699306204	OSCILLATOR_KDS	
278	1	PCB1		M/B	PCB FOR MOTHER BOARD GCE TTB12DMB R010 10LAYERS	5780120003		
279	2	U45,U46		SN74LVC2G08DCUR VSSOP8	IC DIGITAL SN74LVC2G08DCUR VSSOP8	6646010552	Dual NAND Gate TI	
280	1	C939		47pF 0603	CAPACITOR,MONOLITHIC SMD REEL NPO 50V 47.00PFJ T 0603	5240647091	50V_NPO	
281	1	J1NMIC2		SM03B SRSS TB RV				
282	1	J14		FI-S15P-HF	CONNECTOR(BOX HEADER SMD) JAE FI-S15P-HF,15P,P=1.25mm-L,GOLD	5782510030	15PIN /P=1.25mm/H=1.8mm JAE	
283	1	J16		54132-3692	CONN.(FPC/FFC BOTTOM CONTACT) 36P,P=0.5mm-L,TIN,SMD,LOCK,R/A	5782971301	0.5FPC Connector /TOP CONTACT MOLEX	
284	2	R880-R879		62K-0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 62.00KJ T	5134362309	5% 16W	
285	1	R882		750K 0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 750.00KJ T	5134375409	5% 1/16W	
286	1	U714		SC1486 TSSOP28	IC,PWM CONTROLLER SEMTECH SC1486 TSSOP-28	6644030154		

TTB12 R00A BOM

287	1	J17		C09-102	CONN.(BATT.HOLDER) SPEED-TECH 2P,GOLD,SMD,H=2.9,FOR MS-621F	5782710050	Battery Holder Speed Tech	
288	1	J12		SM02B SRSS-TB-RV	Connector (BOX HEADER) SM02B-SRSS-TB 2P P=1.0mm-L SMD (Side-entry)	5782510201	Connector 2Pin 1.0mm Side entry_JST	
289	1	JSTAND1		SM08B SRSS-TB	CONNECTOR(BOX HEADER) JST SM08B-SRSS-TB,8P P=1.0mm-L,SMD	5782510211	Connector 7Pin 1.0mm Side entry_JST	
290	1	J703		SM10B SRSS-TB	CONNECTOR(BOX HEADER) JST SM10B-SRSS-TB,10P,P=1MM-L,SMD	5782510111	EV Battery Connector	
291	5	L704.L705.L706.L707.L708		PAD			2A	
292	1	L706		CDRH104R-150		NEW	50m-ohm 2.1A SUMIDA	
293	3	L711.L706.L716		CDRH104R 100	INDUCTOR SMD POWER SUMIDA CDRH104R-100NC 10UH 3.8A	5062128026	35m ohm 3.8A SUMIDA	
294	1	L717		MLB 201209 0010P N1 0805	CORE FERRITE BEAD CHIP MAG MLB-201209-0010P-N1,0805 6A	5062133010		
295	1	R395		120 0603	RESISTOR,THICK FILM CHIP 0603 RMC 1/16W 120.00 F T	5134112009	1% 1/16W	
296	1	R716		11K-0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 11.00KF T	5134111029	1% 1/16W	
297	1	R717		2.21K 0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 2.21K F T	5134122119	1% 1/16W	
298	3	R755.R776.R782		22.1K 0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 22.1KF T	5134122129	1% 1/16W	
299	1	R762		12.1K 0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 12.10KF T	5134112129	1% 1/16W	
300	4	C714.C719.C771.C800		4700pF 0603	CAPACITOR,MONOLITHIC SMD REEL X7R 50V 4700.00PFK T 0603	5230647291	50V X7R	
301	5	C717.C774.C803.C871.C923		4.7uF 1206	CAPACITOR,MONOLITHIC SMD REEL Y5V 35V 4.70UFZ T 1206	5230006491	35V Y5V	
302	1	C805		1200pF 0603	CAPACITOR,MONOLITHIC SMD REEL X7R 50V 1200.00PF K 0603	5230612291	50V X7R	
303	3	C947.C948.C950.C951		100uF 16SP100M	CAP.,ELEC. LOW ESR 105C OS-CON CE04W 16V 100.00UFM * 10x6 SP	5216023502	16V OSCON CAP	
304	1	L700		FDV0630 R75	INDUCTOR SMD POWER TOKO FDV0630-R75M 0.75UH 13.9A	5062134207	5.9m ohm 13.9 TOKO	
305	7	L701.L702.L705.L707.L715.L703.L704		7E06NA_2R2	INDUCTOR SMD POWER SAGAMI 7E06NA-2R2M 2.2UH 2.5A	5062137300	17m ohm 2.5A_SAGAMI	
306	1	L704		7E06NA-6R8		NEW	42m-ohm 1.5A_SAGAMI	
307	3	R875.R876.R877		10K 0603 RV			1% 1/16W	
308	4	CBSCR1.CBSCR2.CBSCR3.CBSCR4.		PCMCIA SCREW	SCREW,MACHINE SPECIAL PAN HEAD MS C SP-PAN M2x4 S-ZN-CC	7190570204		
309	1	BATTERY1		MS621F		NEW	Lithium-Ion Battery/5.5mAH/3V_SEIKO	
310	1	CB EJECTOR1		Copper Pillar 5.5mm		NEW		
311	4	COPPER2.COPPER3.COPPER4.COPPER5		Copper Pillar 1.5mm		NEW		
312	1	C608		10uF 0805 RV				
313	1	R461		560 0603	RESISTOR THICK FILM CHIP 0603 RMC 1/16W 560.00 J T	5134356109	1/16W	
314	1	U47		SN74CBT3257DBQR_SSOP16		NEW	16PIN 4bit Qswitch TI	
315	2	U48.U49		SN74LVC1G3157DCKR SC-70		NEW	Single Pole Aalog switch TI	
316	1	U50		SN74LVC1G386DCKR SC-70		NEW	3 Input Positive_Xor Gate TI	
317	4	H1.H2.H3.H4		HOLE 106				
318	1	H5		HOLE 87				
319	1	J11		SM04B SRSS-TB-RV				
320	1	C543		10uF 10V RV				
321	1	R723		1M 0603 RV				

History:

5/8 RA.01 → RA.02

- Item:10 Modify:Q'ty 55→53 Del:C609,C612
- Item:65 Del the Item
- Item:263 Del the Item
- Item:243 Modify:Q'ty 3→1 Del:U42,U43
- Item:263 Del the Item
- Item:279 New Item

5/14 RA.02 → RA.03

- Item:8 Del the Item
- Item:10 Modify: 53→57 Add:C912.C920.C921.C925.C926.C933.C934.C937.C938 Del:C900.C901.C908.C910
- Item:15 Modify:Q'ty 2→11 /VALUEA Add:C704.C724.C779.C808.C879.C880.C881.C882.C931
- Item:23 Modify:33→35 Add:C917.C918
- Item:29 Modify:22→25 Del:C896.C904 Add:C919.C929.C930.C932.C940
- Item:33 Modify:21→20 Del:C892.C895.C903 Add:C924.C928
- Item:38 Modify:7→6 Del:C909
- Item:42 Del:C894 Add:C922
- Item:44 Del the Item
- Item:53 Del the Item
- Item:54 Del the Item

TTB12 R00A BOM

12 Item:55 Modify:Q'ty 9→10 Add:D51
 13 Item:63 Modify:Q'ty 5→3 Del:D736.D737
 14 Item:76 Modify:Q'ty 3→2 Del:JINMIC2
 15 Item:77 Modify:Q'ty 5→4 Del:J13
 16 Item:88 Del the Item
 17 Item:94 Modify:Part /Spec /Tatung P/N
 18 Item:98 Modify:Q'ty 35→32 Del:L60.L61.L64
 19 Item:109 Modify:Q'ty 2→1Del:L712
 20 Item:111 Modify:Part/ Spec /Tatung P/N
 21 Item:128 Modify:Q'ty 3→2 Del:Q745
 22 Item:129 Modify:Q'ty 3→2 Del:Q746
 23 Item:131 Modify:Q'ty 2→1 Del:Q747
 24 Item:159 Del the Item
 25 Item:156 Modify:12→13 Add:R64
 26 Item:172 Modify:Q'ty 4→.3 Del:R865
 27 Item:186 Modify:Q'ty 6→8 Del:R860.R898.,Add:R875.R876.R877.R898
 28 Item:197 Modify:Q'ty 2→1 Del:R870
 29 Item:213 Modify:Q'ty 7→6 Del:R854
 30 Item:232 Del the Item
 31 Item:233 Del the Item
 32 Item:234 Del the Item
 33 Item:236 Del the Item
 34 Item:237 Del the Item
 35 Item:238 Del the Item
 36 Item:269 Del the Item
 37 Item:280 NEW Item
 38 Item:281 NEW Item
 39 Item:282 NEW Item
 40 Item:283 NEW Item
 41 Item:284 NEW Item
 42 Item:285 NEW Item
 43 Item:286 NEW Item

5/19

RA.03 →RA.04

1 Item:93 Modify:Q'ty 2→1 Del:J12
 2 Item:148 Modify:69→74 Add:R539.R540.R541.R542.R543.
 3 Item:149 Modify:6→10 Add:R544.R545.R546.R547.
 4 Item:154 Modify:64→65 Add:R537
 5 Item:156 Modify:13→14 Add:R538
 6 Item:287 New Item
 7 Item:288 New Item
 8 Item:285 Modify:Part 750k_0402→750_0603 Add:Spec /Tatung P/N
 9 Item:57 Modify:Spec /Tatung P/N /Valuea

5/22

RA.04 →RA.05

1 Item:205 Modify:Q'ty 8→6 Del:R862.R864

6/10

RA.05 →RB.01

1 Item:55 Modify:Q'ty 9→10
 2 Item:146 Modify: Q'ty 70→71 Add:R537
 3 Item:154 Modify:Q'ty 66→65 Del:R538
 4 Item:156 Modify:Q'ty 14→13 Del:R537
 5 Item:158 Del:R342 ,Add:R538

6/23

RB.01 →RB.02

1 Item:10 Del:C491 Add:C468
 2 Item:16 Modify:Q'ty 23→22 Del:C916
 3 Item:19 Modify:Q'ty 3→1 Del:C505.C509
 4 Item:24 Modify:Q'ty 6→5 Del:C468
 5 Item:25 Modify:Q'ty 8→10 Add:C944.C945

TTB12 R00A BOM

6 Item:29 Modify:Q'ty 25→26 Add:C946
 7 Item:33 Modify:Q'ty 20→21 Add:C916
 8 Item:36 Modify:Q'ty 7→9 Add:C612.C613
 9 Item:57 Add:RA,RC Spec /Tatung P/N
 10 Item:85 Modify:Q'ty 2→1 Del:JSTAND1
 11 Item:86 Modify:Part C440314→440314-1
 12 Item:87 Modify:Part 7746S-15G2T-99→7846S-15G2T-IC
 13 Item:94 Modify:Part SB1-04171-13T3→SB1-04272-03T2
 14 Item:96 Del the Item
 15 Item:107 Modify:Q'ty 3→2 Del:L706
 16 Item:110 Modify:Q'ty 2→4 Add:L718.L719
 17 Item:111 Del the Item
 18 Item:148 Modify:74→58 Del:R434.R435.R436.R437.R438.R441.R444.R445.R446.R447.R449.R451.R453.R454.R455.R457
 19 Item:149 Modify:Q'ty 10→7 Del:R545.R546.R547 Add:R906
 20 Item:151 Modify:Q'ty 14→10 Del:R395.R396.R397.R398
 21 Item:160 Modify:Q'ty 20→19 Del:R534
 22 Item:167 Modify:Q'ty 7→8 Add:R397
 23 Item:186 Modify:Q'ty 8→10 Add:R709.R761
 24 Item:192 Modify:Q'ty 3→2 Del:R762
 25 Item:203 Del the Item
 26 Item:205 Del the Item
 27 Item:206 Modify:Part 11K→4.99K /Spec /Tatung P/N
 28 Item:207 Modify:Q'ty 2→1 Del:R717
 29 Item:268 Modify:Part ILS6218→ISL6218
 30 Item:278 Modify:Spec TTC12 R00A→TTB12D R00B
 31 Item:283 Modify:Part 54104-3637→54132-3692
 32 Item:288 Del the Item
 33 Item:289 New Item
 34 Item:290 New Item
 35 Item:291 New Item
 36 Item:292 New Item
 37 Item:293 New Item
 38 Item:294 New Item
 39 Item:295 New Item
 40 Item:296 New Item
 41 Item:297 New Item
 42 Item:298 New Item
 43 Item:299 New Item

6/25

RB.02 →RB.03

1 Item:2 Modify:Q'ty 6→4 Del:C771.C800
 2 Item:29 Modify:Q'ty 26→27 Add:C942
 3 Item:39 Del the Item
 4 Item:41 Del the Item
 5 Item:42 Modify:6→3 Del:C715.C773.C802.C872.C922 Add:C949.C951
 6 Item:43 Del the Item
 7 Item:49 Del the Item
 8 Item:77 Modify:5→4
 9 Item:87 Modify:Part 7746S-15G2T-99→7846S-15G2T-IC
 10 Item:94 Modify:Part
 11 Item:105 Del the Item
 12 Item:106 Modify:4→1 Del:L701.L702.L715
 13 Item:107 Del the Item
 14 Item:108 Del the Item
 15 Item:112 Del the Item
 16 Item:124 Del the Item
 17 Item:133 Modify:Part
 18 Item:134 Modify:Part /Valuea
 19 Item:147 Modify:Q'ty 39→42 Add:R879.R880.R881
 20 Item:148 Modify:Q'ty 58→57 Del:R881

TTB12 R00A BOM

21	Item:149 Modify:Q'ty 7→11 Add:R544.R545.R546.R547
22	Item:186 Modify:Q'ty 10→7 Del:R87.R876.R877
23	Item:284 Del the Item
24	Item:291 Del the Item
25	Item:292 Del the Item
26	Item:293 Modify:Q'ty 1→3 Add:L706.L716
27	Item:300 New Item
28	Item:301 New Item
29	Item:302 New Item
30	Item:303 New Item
31	Item:304 New Item
32	Item:305 New Item
33	Item:306 New Item
34	Item:307 New Item
6/26	<u>RB.03 → RB.04</u>
1	Item:55 Modify:Q'ty 10→9 Del:D51
2	Item:64 Modify:Q'ty 3→4 Add:D51
3	Item:69 Modify:Valuea
4	Item:70 Modify:Valuea
5	Item:180 Modify:11→12 Add:R548
6/30	<u>RB.04 → RB.05</u>
1	Item:130 Modify:Q'ty 6→7 Add:Q736
2	Item:131 Del the Item
3	Item:154 Del:R284 Add:R283
4	Item:156 Del:R283 Add:R284
7/2	<u>RB.05 → RB.06</u>
1	Item:6 Modify:Q'ty 273→272 Del:C552
2	Item:36 Modify:Q'ty 9→10 Add:C614
3	Item:106 Del the Item
4	Item:147 Modify:Q'ty 42→41 Del:R477
5	Item:152 Modify:Q'ty 30→31 Add:R55
6	Item:153 Modify:Q'ty 3→2 Del:R55
7	Item:154 Add:R479 Del:R478
8	Item:156 Add:R478 Del:R479
9	Item:170 Modify:Q'ty 4→5 Add:R477
10	Item:277 Modify:Part 14.318MHZ→14.318MHZ_RV
11	Item:305 Modify:Q'ty 5→6 Add:L703
7/3	<u>RB.06 → RB.07</u>
1	Item:2 Modify:4→5 Add:C805
2	Item:186 Modify:Q'ty 7→6 Del:R761
3	Item:193 Modify:Q'ty6→7 Add:R761
4	Item:299 Modify:Part /Spec /Tatung P/N
5	Item:302 Del the Item
7/4	<u>RB.07 → RB.08</u>
1	Item:247 Add:RB 6647001654 HY5DU561622ALT-H
2	Item:305 Modify:6→7 Add:L704
3	Item:306 Del the Itme
7/8	<u>RB.08 → RB.09</u>
1	Item:297 Modify:Part /Spec /Tatung P/N
2	Item:303 Modify:Q'ty 5→3 Del:C949.C951
7/21	<u>RB.09 → RC.01</u>
1	Item:207 Modify:Q'ty 1→2 Add:R716
2	Item: Del RB HY5DU561622ALT-H 6647001654

TTB12 R00A BOM

- 3 Item: 278 Modify:Spec TTB12D R00B→TTB12D R00C
- 4 Item:296 Del the Itme
- 5 Item:308 New Item

7/28

RC.01 → RC.02

- 1 Item:7 Modify:Part 150uF_DCASE_B12B→150uF_DCASE_B12A
- 2 Item:10 Del:C493 ,Add:C474
- 3 Item:11 Modify:Q'ty33→32 Del:C608
- 4 Item:24 Modify:Q'ty 5→4 Del:C474
- 5 Item:157 Modify:Q'ty 6→7 Add:R549
- 6 Item:158 Modify:Q'ty 13→14 Add:R390
- 7 Item:169 Modify:Q'ty 12→11 Del:R390
- 8 Item:259 Modify:Part SN74CBT3345DBQR→SN74CBT3345DBR
- 9 Item:309 New Item
- 10 Item:310 New Item
- 11 Item:311 New Item
- 12 Item:312 New Item

7/29

RC.02 → RC.03

- 1 Item:6 Modify:Q'ty 272→271 Del:C580
- 2 Item:139 Modify:Q'ty5→4 Del:R461
- 3 Item:146 Modify:Q'ty71→70 Del:R501
- 4 Item:160 Modify:Q'ty19→20 Add:R550
- 5 Item:259 Modify:4→2 Del:U35.U36
- 6 Item:313 New Item
- 7 Item:314 New Item
- 8 Item:315 New Item
- 9 Item:316 New Item

7/31

RC.03 → RC.04

- 1 Item:1 Add:Spec /Tatung P/N
- 2 Item:15 Add:Spec /Tatung P/N
- 3 Item:37 Add:Spec /Tatung P/N
- 4 Item:42 Add:Spec /Tatung P/N
- 5 Item:48 Add:Spec /Tatung P/N
- 6 Item:73 Add:Spec /Tatung P/N
- 7 Item:75 Add:Spec /Tatung P/N
- 8 Item:78 Add:Spec /Tatung P/N
- 9 Item:79 Add:Spec /Tatung P/N
- 10 Item:80 Add:Spec /Tatung P/N
- 11 Item:81 Add:Spec /Tatung P/N
- 12 Item:82 Add:Spec /Tatung P/N
- 13 Item:86 Add:Spec /Tatung P/N
- 14 Item:87 Add:Spec /Tatung P/N
- 15 Item:91 Add:Spec /Tatung P/N
- 16 Item:92 Add:Spec /Tatung P/N
- 17 Item:94 Add:Spec /Tatung P/N
- 18 Item:133 Add:Spec /Tatung P/N
- 19 Item:134 Add:Spec /Tatung P/N
- 20 Item:198 Add:Spec /Tatung P/N
- 21 Item:249 Add:Spec /Tatung P/N
- 22 Item:251 Add:Spec /Tatung P/N
- 23 Item:257 Add:Spec /Tatung P/N
- 24 Item:259 Add:Spec /Tatung P/N
- 25 Item:260 Add:Spec /Tatung P/N
- 26 Item:268 Add:Spec /Tatung P/N
- 27 Item:270 Add:Spec /Tatung P/N
- 28 Item:271 Add:Spec /Tatung P/N
- 29 Item:278 Add:Spec /Tatung P/N
- 30 Item:282 Add:Spec /Tatung P/N
- 31 Item:283 Add:Spec /Tatung P/N
- 32 Item:286 Add:Spec /Tatung P/N

TTB12 R00A BOM

33 Item:287 Add:Spec /Tatung P/N
34 Item:293 Add:Spec /Tatung P/N
35 Item:303 Add:Spec /Tatung P/N
36 Item:304 Add:Spec /Tatung P/N
37 Item:305 Add:Spec /Tatung P/N

8/4

RC.04 → RC.05

1 Item:10 Modify:Spec Y5V_10V→50V_Y5V
2 Item:12 Modify:Q'ty 2→3 Add:C919
3 Item:19 Modify:Q'ty 1→5 Add:C552.C952.C953.C956
4 Item:25 Modify:Q'ty 10→12 Add:C731.C732.
5 Item:27 Modify:Spec
6 Item:29 Modify:Q'ty 27→26 Del:C919
7 Item:32 Modify:Q'ty 2→1 Del:C543
8 Item:35 Modify:Q'ty 20→21 Add:C740
9 Item:36 Modify:Q'ty 10→8 Del:C731.C732
10 Item:40 Modify:Spec
11 Item:45 Modify:Q'ty 3→5 Add:C954.C955
12 Item:46 Del the Item
13 Item:59 Modify:Q'ty 2→1 Del:D16
14 Item:60 Modify:Q'ty 24→25 Add:D52
15 Item:63 Modify:Q'ty 1→2 Del:D715
16 Item:71 Del:H1.H4 Add:H6.H9
17 Item:72 Del:H2.H3.H5 Add:H6.H9
18 Item:77 Modify:Q'ty 4→3 Del:J11
19 Item:118 Modify:Q'ty 4→5 Add:Q759
20 Item:119 Modify:Q'ty 17→19 Add:Q760.Q762
21 Item:122 Modify:Q'ty 5→8 Add:Q761.Q758.Q757
22 Item:123 Modify:Q'ty 4→5 Add:Q756
23 Item:146 Modify:Q'ty 70→68 Del:R82.R93
24 Item:147 Del:R724 Add:R907
25 Item:154 Del:R283 Add:R284
26 Item:156 Del:R284 Add:R283
27 Item:158 Modify:Q'ty 7→10 Add:R551.R552.R552
28 Item:160 Modify:Spec
29 Item:162 Modify:Q'ty 7→12 Add:R910.R912.R916.R914.R918
30 Item:170 Modify:Q'ty 5→6 Add:R724
31 Item:180 Modify:Q'ty 12→14 Add:R82.R93
32 Item:186 Modify:Q'ty 7→6
33 Item:139 Modify:Spec
34 Item:142 Modify:Spec
35 Item:144 Modify:Spec
36 Item:199 Modify:Q'ty 4→3 Del:R732
37 Item:208 Modify:Q'ty 2→7 Del:R723 Add:R908.R909.R911.R913.R915.R917
38 Item:209 Modify:Part 510K_0603→510K_0603_RV
39 Item:210 Del the Item
40 Item:217 Modify:Q'ty 2→1 Del:R790
41 Item:230 Modify:Q'ty 1→2 Add:R790
42 Item:280 Modify:Valuea 50V_Y5V→50V_NPO
43 Item:285 Modify:Valuea 5%16W→5%_1/16W
44 Item:285 Modify:Valuea 1/16W→5%_1/16W
45 Item:317 New Item
46 Item:318 New Item
47 Item:319 New Item
48 Item:320 New Item
49 Item:321 New Item

TTB12DFUN R00C BOM

TTB12DFUN_RC.01

5799064811

DATE:2003.7.31

Item	Q'ty	Reference	RA RB	Part	SPECIFICATION	TATUNG P/N	VALUEA	備註
1	2	H2,H1		HOLE_87			Hole	
2	1	J1		FI-S08P-HF	CONNECTOR.(BOX HEADER SMD) JAE FI-S08P-HF,8P,P=1.25mm-L,GOLI	5782510040		
3	5	S1,S2,S3,S4,S5		STS-06-A	DC15V 20mA HCH	NEW		
4	1	PCB1		FUNCTION BOARD	PCB FOR FUNCTION BOARD TKE TTB12DFUN R010 2LAYERS	5780120007		

History:

5/8 RA.01 → RA.02
 1 Item:2 Modify: Part SM07B_SRSS_TB→FI-S08P-HF

6/24 RB.01 → RB.02
 1 Item:3 Del the Item

7/31 RB.02 → RC.01
 1 Item:2 Add:Spec /Tatung P/N
 2 Item:4Add:Spec /Tatung P/N

TTB12DHK R00C BOM

TTB12DHK_RC.01

5799064812

DATE:2003.7.31

Item	Q'ty	Reference	RA RB	Part	SPECIFICATION	TATUNG P/N	VALUEA	備註
1	1	D1		KPTB-1612YSGC		NEW	Green /Yellow Light	
2	2	D3,D4		CSL_S170F2_H	DIODE LED GREEN LIGHT SMC	6618018417	Green Light	
2	1	D2		CSL_S170Q2L_H	DIODE LED ORANGE LIGHT SMC	6618018418	Orange Light	
4	2	H4,H3,		HOLE_87			Hole	
5	1	J14		FI-S15P-HF	CONNECTOR(BOX HEADER SMD) JAE FI-S15P-HF,15P,P=1.25mm-L,GOLD	5782510030	15 PIN /P=1.25mm/H=1.8mm_JAE	
6	4	S6,S7,S8,S9		STS_06_A	DC15V 20mA HCH	NEW		
7	1	U25		TSL2550T		NEW	LIGHT SENSOR	
8	1	PCB1		Hot-key Board PCB	PCB FOR HOT KEY BOARD TKE TTB12DHK R010 2LAYERS	5780120004		
9	1	C1		0.1uF_0603	CAPACITOR,MONOLITHIC SMD REEL Y5V 50V 0.10UFZ T 0603	5250610491	50V_Y5V	

History:

- 5/14 **RA.01** → **RA.02**
1 Item:9 NEW Item
- 6/23 **RB.01** → **RB.02**
1 Item:7 Modify:Part TSL2250→TSL2250T
- 6/24 **RB.02** → **RB.03**
1 Item:6 Del the Item
- 7/31 **RB.03** → **RC.01**
1 Item:5 Add:Spec /Tatung P/N
2 Item:8 Add:Spec /Tatung P/N

TTB12DMS R00C BOM

TTB12DMS_RC.01

5799064813

DATE:2003.7.31

Item	Q'ty	Reference	RA RB	Part	SPECIFICATION	TATUNG P/N	VALUEA
1	1	H5		HOLE_87			Hole
2	1	J3		SD-52746-0717	CONN.(FPC/FFC BOTTOM CONTACT) 7P,P=0.5mm-L,TIN SMD LOCK,R/A	5782970100	FPC CONNECTOR 7PIN 0.5mm SIDE ENTRY_molex
3	1	S10	RA RB	EVQWHA50K HSS165A	Micro stick switches 8Pin_Panasonic Micro stick switches 8Pin SMD DC15V 20mA	5054513067 5054513068	
4	1	PCB1		Micro Stick Board PCB	PCB FOR MICRO STICK BOARD TKE TTB12DMS R010 2LAYERS	5780120005	

History:

- 5/8 RA.01 → RA.02
 1 Item:2 Modify:Part /VALUEA
- 6/24 RB.01 → RB.02
 1 Item:2 Modify:Part SD-52435-0727→SD-52746-0717
- 7/31 RB.02 → RC.01
 1 Item:2 Add:Spec /Tatung P/N
 2 Item:4 Add:Spec /Tatung P/N

TTB12DMS R00C BOM

備註

TTB12DFP R00C BOM

TTB12DMS_RC.01

5799064815 DATE:2003.7.31

Item	Q'ty	Reference	RA RB	Part	SPECIFICATION	TATUNG P/N	VALUEA	備註
1	17	C3000,C3001,C3002,C3003,C3004,C3005,C3006,C3007,C3008,C3009,C3010,C3016,C3020,C3021,C3022,C3024,C3025		0.1uF_0402	CHiP CERAMIC Y5V CAPACiTOR [0402] 16V 0.1uF +80%-20%	5230015191	16V_Y5V	
2	1	C3011		T520B107M006AS_B Case	CAP POLYMER TANT KO-CAP 6.3V 100uFM 3528	5280006891	6.3V_TA_KEMET	
3	2	C3015,C3012		27pF_0603	CHiP CERAMIC NPO CAPACiTOR [0603] 50V 27pF +-5%	5240627091	50V_NPO	
4	1	C3013		1000pF_0402	CHiP CERAMIC X7R CAPACiTOR [0402] 50V 1000pF +-10%	5230018291	50V_X7R	
5	3	C3014,C3017,C3019		10pF_0402	CHiP CERAMIC COG CAPACiTOR [0402] 50V 10pF +-5%	5240003391	50V_COG	
6	1	C3018		47000pF_0603	CHiP CERAMIC X7R CAPACiTOR [0603] 50V 47000pF +-10%	5230647391	50V_X7R	
7	2	C3023,C3026		V-PORT_0603	ESD/EMI SUPPRESSOR SMD VPORT0603-102M-V05 0603 1000P	5786800002	V-PORT-102M-V05_INPAQ	
8	1	H1		HOLE_87			Hole	
9	1	J3000		SM04B_SRSS_TB	Connector 4Pin, P=1.0mm side entry	5056901119	1X4 1.0mm Side entry_JST	
10	1	L3000		BLM21P221SGPT_0805	Ferrite bead SM0805 220ohm/100MHZ,2A	5062122495	220 ohm 2A_Murata	
11	2	Q3001,Q3000		FDN338P_SOT23	TR.MOSFET P-CH 2.5V	6626002554	PMOS_Fairchild	
12	1	R3000		1K_0402	CHiP RESiSTOR 1/16W [0402] 1K OHM +-5%	5139610209	5%_1/16W	
13	1	R3001		1.5K_0603	CHiP RESiSTOR 1/16W [0603] 1.5K OHM +-5%	5134315209	5%_1/16W	
14	2	R3002,R3003		24_0603	CHiP RESiSTOR 1/16W [0603] 24 OHM +-5%	5134324009	5%_1/16W	
15	1	R3004		18_0603	CHiP RESiSTOR 1/16W [0603] 18 OHM +-5%	5134318009	5%_1/16W	
16	1	R3005		10M_0603	CHiP RESiSTOR 1/16W [0603] 10M OHM +-5%	5134310609	5%_1/16W	
17	1	R3006		1M_0402	CHiP RESiSTOR 1/16W [0402] 1M OHM +-5%	5139610509	5%_1/16W	
18	1	R3007		1.3_0603	CHiP RESiSTOR 1/10W [0603] 1.3 OHM +-1%	5134213089	1%_1/16W	
19	1	R3008		24.9K_0603	CHiP RESiSTOR 1/16W [0603] 24.9K OHM +-1%	5134124929	1%_1/16W	
20	1	R3009		0_0402_RV			5%_1/16W	
21	1	R3010		0_0402	CHiP RESiSTOR 1/16W [0402] 0 OHM +-5%	5139600009	5%_1/16W	
22	1	R3011		0_0805	CHIP RESISTER 1/10W [0805] 0 OHM+-5%	5132300009	5%_1/10W	
23	1	U3000		AES3500_LQFP100	IC LSI FingerPrint SENSOR	6647002050	FingerPrint_Authentec	
24	1	U3001		SR3.3_SOT143_RV			ESD_Semtech	
25	1	U3002		SR3.3_SOT143	IC LOW CAPACI. TVS DIODE Array	6641000952	ESD_Semtech	
26	1	Y3000	RA RB	12MHz	CRYSTAL UNIT SMD REEL +-30PPM CL=20PF	6699114023 6699114024	CRYSTAL_H.ELE.	
27	1	PCB1		FINGER PRINTER	PCB FOR FINGERPRINTER BOARDTKE TTB12DFP R010 4LAYE	5780120006		

History:

7/2 RB.01 → RB.02

1 Item:24 Del the Item

7/31 RB.02 → RC.01

1 Item:27 Add:Spec /Tatung P/N

UPDATE: 2003/05/27

Wire Name	TATUNG P/N	Connector PINS(Mother Board)\SPEC	Connector PINS(Small boards)\SPEC	Wire No.	Pin define
Function	NEW	7\As TTB12 R00A	8(there is no wire connected to the 8th pin of connector) \new	7	Not PIN to PIN
HotKey	NEW	15\new	15\new	15	PIN to PIN
Finger Print	NEW	4\As TTB12 R00A	4\As TTB12 R00A	4	PIN to PIN
Mic line	NEW				
Modem line	NEW				
Speaker line	NEW				
Keyboard STD	NEW				
3in1 FPC cable	NEW				

Battery Type	TATUNG P/N
Main Battery	NEW
RTC Battery	NEW
SUB-Battery	NEW
Second Battery	NEW

TTB12D System Parts Bill Of Material & Appoved Vender List

Item	Q'ty	Reference	Tatung P/N	Authorized Vendor	Contact Person
1	1	SUB BATTERY		與910&510自牌相同	?
2	1	POWER CARD HIPRO 42W (美規)		與910&510自牌相同	?
3	1	ADAPTOR		與910&510自牌相同	?
4	1	INVERTER			?
5	1	MAIN BATTERY			?
6	1	HEAT SINK			
7	1	PANEL ID-TECH			
8	1	FILTER			
9	1	WIRELESS LAN CARD			
10	1	MODEM CARD			
11	1	HDD			?
12	1	ANTENNA			
13	1	STYLUS PEN(BLACK)			?
14	1	MODEM CARD SCREW			

