

MAXIM-IC	Date	MPOS-STD2 - Evaluation Kit
: 18th Sept 2014		
Revision : A		

Order	Designator	Description	Footprint	Value	Manufacturer	Reference	Qty	Note
1	PCB	PCB			MAXIM-IC	LAC2530-A	1	
2	C1	CAPACITOR CERAMIC 22PF 50V COG 603	smt0603	22PF	AVX	06035A220FAT2A	4	
3	C2	CAPACITOR CERAMIC 22PF 50V COG 603	smt0603	22PF	AVX	06035A220FAT2A		
4	C3	CAPACITOR CERAMIC 39PF 50V COG 603	smt0603	39PF	AVX	06035A390JAT2A	2	
5	C4	CAPACITOR CERAMIC 39PF 50V COG 603	smt0603	39PF	AVX	06035A390JAT2A		
6	C5	CAPACITOR CERAMIC 470NF 16V X5R 603	smt0603	470NF	AVX	0603YD474KAT2A	2	
7	C6	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A	30	
8	C7	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
9	C8	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
10	C9	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
11	C10	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
12	C11	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
13	C12	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
14	C13	CAPACITOR CERAMIC 1UF 25V X5R 603	smt0603	1UF	AVX	06033D105KAT2A	3	
15	C14	CAPACITOR CERAMIC 2.2 UF 6.3V X5R 603	smt0603	2.2UF	AVX	06036D225KAT2A	1	
16	C15	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
17	C16	CAPACITOR CERAMIC 10NF 100V X7R 603	smt0603	10NF	AVX	06031C103JAT2A	1	
18	C17	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
19	C18	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
20	C19	CAPACITOR CERAMIC 10UF 6.3V X5R 603	smt0603	10UF	AVX	06036D106MAT2A	4	
21	C20	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
22	C21	CAPACITOR CERAMIC 10UF 6.3V X5R 603	smt0603	10UF	AVX	06036D106MAT2A		
23	C22	CAPACITOR CERAMIC 4U7 6.3V X5R 805	SMT0805	4.7UF	AVX	08056D475KAT2A	1	
24	C23	CAPACITOR CERAMIC 68NF 50V Y5V 603	smt0603	68NF	MULTICOMP	MCCA000253	1	
25	C24	CAPACITOR CERAMIC 10UF 6.3V X5R 603	smt0603	10UF	AVX	06036D106MAT2A		
26	C25	CAPACITOR CERAMIC 22UF 10V X5R 0805	SMT0805	22UF	AVX	0805ZD226MAT2A	4	
27	C26	CAPACITOR CERAMIC 22UF 10V X5R 0805	SMT0805	22UF	AVX	0805ZD226MAT2A		
28	C27	CAPACITOR CERAMIC 22UF 10V X5R 0805	SMT0805	22UF	AVX	0805ZD226MAT2A		
29	C28	CAPACITOR CERAMIC 22UF 10V X5R 0805	SMT0805	22UF	AVX	0805ZD226MAT2A		
30	C29	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
31	C30	CAPACITOR CERAMIC 470NF 16V X5R 603	smt0603	470NF	AVX	0603YD474KAT2A		
32	C31	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
33	C32	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
34	C33	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
35	C34	CAPACITOR CERAMIC 3.3UF 10V X7R 0805	smt0805	3.3UF	TDK	C2012X7R1A335K125AC	1	
36	C35	CAPACITOR CERAMIC 3.3UF 10V X7R 0805	SMT0805	3.3UF	TDK	C2012X7R1A335K125AC	1	
37	C36	CAPACITOR NC	smt0603	NC	NA	NA		
38	C37	CAPACITOR CERAMIC 27PF 100V COG 603	smt0603	27PF	AVX	06031A270JAT2A	1	
39	C38	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
40	C39	CAPACITOR CERAMIC 10UF 6.3V X5R 603	smt0603	10UF	AVX	06036D106MAT2A		
41	C40	CAPACITOR CERAMIC 1UF 25V X5R 603	smt0603	1UF	AVX	06033D105KAT2A		
42	C41	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
43	C42	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
44	C43	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
45	C44	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
46	C45	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
47	C46	CAPACITOR CERAMIC 10UF 16V X5R 805	smt0805	10UF	JOHANSON DIELECTRICS	160R15X106KV4E	2	
48	C47	CAPACITOR CERAMIC 10UF 16V X5R 805	smt0805	10UF	JOHANSON DIELECTRICS	160R15X106KV4E		
49	C72	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
50	C99	CAPACITOR CERAMIC 18PF 100V COG 603	smt0603	18PF	AVX	06031A180JAT2A	4	
51	C103	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
52	C105	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
53	C106	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
54	C107	CAPACITOR CERAMIC 1UF 25V X5R 603	smt0603	1UF	AVX	06033D105KAT2A		
55	C108	CAPACITOR CERAMIC 18PF 100V COG 603	smt0603	18PF	AVX	06031A180JAT2A		
56	C109	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
57	C110	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
58	C111	CAPACITOR CERAMIC 56PF 50V COG 603	smt0603	56PF	AVX	06035A560JAT2A	2	
59	C112	CAPACITOR CERAMIC 68PF 50V COG 603	smt0603	68PF	AVX	06035A680JAT2A	2	
60	C113	CAPACITOR CERAMIC 68PF 50V COG 603	smt0603	68PF	AVX	06035A680JAT2A		
61	C114	CAPACITOR CERAMIC 56PF 50V COG 603	smt0603	56PF	AVX	06035A560JAT2A		
62	C115	CAPACITOR CERAMIC 150PF 50V COG 603	smt0603	150PF	AVX	06035A151JAT2A	2	
63	C116	CAPACITOR CERAMIC 150PF 50V COG 603	smt0603	150PF	AVX	06035A151JAT2A		
64	C117	CAPACITOR CERAMIC 12PF 50V COG 603	smt0603	12PF	AVX	06035A120JAT2A	2	
65	C118	CAPACITOR CERAMIC 12PF 50V COG 603	smt0603	12PF	AVX	06035A120JAT2A		
66	C119	CAPACITOR CERAMIC 22PF 50V COG 603	smt0603	22PF	AVX	06035A220FAT2A		
67	C120	CAPACITOR CERAMIC 10PF 50V COG 0603	smt0603	10PF	AVX	06035A100JAT2A	2	
68	C121	CAPACITOR CERAMIC 18PF 100V COG 603	smt0603	18PF	AVX	06031A180JAT2A		
69	C122	CAPACITOR CERAMIC 18PF 100V COG 603	smt0603	18PF	AVX	06031A180JAT2A		
70	C123	CAPACITOR CERAMIC 22PF 50V COG 603	smt0603	22PF	AVX	06035A220FAT2A		
71	C124	CAPACITOR CERAMIC 10PF 50V COG 0603	smt0603	10PF	AVX	06035A100JAT2A		
72	C125	CAPACITOR CERAMIC 1NF 100V X7R 603	smt0603	1NF	AVX	06031C102KAT2A	2	
73	C126	CAPACITOR CERAMIC 1NF 100V X7R 603	smt0603	1NF	AVX	06031C102KAT2A		
74	C127	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
75	C128	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		
76	C129	CAPACITOR CERAMIC 100NF 25V X7R 603	smt0603	100NF	AVX	06033C104KAZ2A		

77	D1	DIODE SCHOTTKY 0.2A 30V	sot23_123	BAT54C	FAIRCHILD	BAT54C	2	
78	D2	DIODE ZENER 3.3V 0.5A	SOD-123	BZT52C3V3-7-F	DIODES INC.	BZT52C3V3-7-F	1	
79	D3	DIODE SCHOTTKY 0.2A 30V	sot23_123	BAT54C	FAIRCHILD	BAT54C		
80	D4	DIODE ZENER 5.1V 0.5A	SOD-123	BZT52C5V1-7-F	DIODES INC.	BZT52C5V1-7-F	1	
81	D6	LED CMS BLUE 0603	LEDC1608X80	LNJ926W8CRA	PANASONIC	LNJ926W8CRA	2	
82	D7	SMALL SIGNAL SCHOTTKY DIODE	SOD-123	BAT54T1G	ON SEMI	BAT54T1G	1	
83	D8	DIODE SCHOTTKY 0.5A 20A	SOD-123	MBR0520L	FAIRCHILD	MBR0520L	1	
84	D9	LED CMS BLUE 0603	LEDC1608X80	LNJ926W8CRA	PANASONIC	LNJ926W8CRA		
85	J1	HE10 20CTS HEADER	CONN2X10X100PVTSHRD		TE CONNECTIVITY	2-1761603-7	1	
86	J2	POWER SUPPLY HEADER 1MM PITCH 3 CTS	CON_SH_SM03B	SM03B-SRSS-TB	JST	SM03B-SRSS-TB	1	
87	J3	SCHROUDED HEADER 12CTS DOUBLE ROW	HDR_2ROW_254M-2X6		TE CONNECTIVITY	4-103186-0	1	
88	J5	SECURED SMARTCARD CONNECTOR	scr_ddm_840-2L123312101_lite	840-2F123312001	DDM HOPT+SCHULER	840-2F123312001	1	Assembled if available on time
89	J6	HEADER 5CTS SMD 1,25MM PITCH	molex_53398_5p	53261-0571	MOLEX	53261-0571	1	
90	J7	MICRO USB SMD HEADER	connuusb_molex_47346-001	47346-001	MOLEX	47346-001	1	
91	J8	CR1632 BATTERY SOCKET	KEYSTONE_504_CR1632	SMTU_1632-1	RENATA	SMTU_1632-1	1	
92	J9	FFC 45CTS TOP STYLE 0.5MM PITCH	CON_HIROSE_FH12S45	FH12A-45S-0.5SH(55)	HIROSE	FH12A-45S-0.5SH(55)	1	
93	J16	SHROUDED HEADER 2CTS P2.54MM	JUMPER2	JUMPER2	TE CONNECTIVITY	4-103321-8	2	
94	J18	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8	6	
95	J19	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8		
96	J20	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8		
97	J21	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8		
98	J22	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8		
99	J23	SHROUDED HEADER 8CTS P2.54MM	JUMPER8	JUMPER8	TE CONNECTIVITY	4-103321-8	1	
100	J24	SHROUDED HEADER 2CTS P2.54MM	JUMPER2	JUMPER2	TE CONNECTIVITY	4-103321-8		
101	J25	SHROUDED HEADER 3CTS P2.54MM	JUMPER3	JUMPER3	TE CONNECTIVITY	4-103321-8	1	
102	J26	SHROUDED HEADER 6CTS P2.54MM	JUMPER6	JUMPER6	TE CONNECTIVITY	4-103321-8		
115	L1	IND 3.3UH 500MA	ind_tdk_vlcf_4x4mm	3.3UH	COILCRAFT	LPS4012-332MLB	1	
116	L2	FERRITE BEAD	smt0603	NC	WE	742792640	2	
117	L3	FERRITE BEAD	smt0603	NC	WE	742792640		
118	L4	FERRITE BEAD	smt0603	742792640	WE	742792640	3	
119	L5	INDUCTANCE 1210 10UH	sm_l_1210	10UH	MURATA	LQH32CN100K33L	1	
120	L6	INDUCTANCE 0805 470NH SHIELDED	smt0805	470NH	TDK	MLZ2012DR47DT	2	
121	L7	INDUCTANCE 0805 470NH SHIELDED	smt0805	470NH	TDK	MLZ2012DR47DT		
122	L9	FERRITE BEAD	smt0603	742792640	WE	742792640		
123	L10	FERRITE BEAD	smt0603	742792640	WE	742792640		
124	Q1	MOSFET TRANSISTOR P-CHANNEL	sot23_123	FDV302P	FAIRCHILD SEMICONDUCTOR	FDV302P	2	
125	Q2	MOSFET TRANSISTOR P-CHANNEL	sot23_123	FDV302P	FAIRCHILD SEMICONDUCTOR	FDV302P		
126	Q3	MOSFET TRANSISTOR N-CHANNEL	sot23_123	FDV303N	FAIRCHILD SEMICONDUCTOR	FDV303N	3	
127	Q4	MOSFET TRANSISTOR N-CHANNEL	sot23_123	FDV303N	FAIRCHILD SEMICONDUCTOR	FDV303N		
128	Q8	MOSFET TRANSISTOR N-CHANNEL	sot23_123	FDV303N	FAIRCHILD SEMICONDUCTOR	FDV303N		
129	R1	RESISTOR 10K 75V 125mW 1% 603	smt0603	10K	VISHAY DRALORIC	CRCW060310K0FKEAHP	4	
130	R2	RESISTOR 100R 75V 125mW 1% 603	smt0603	100R	VISHAY DRALORIC	CRCW0603100RFKEAHP	1	
131	R3	RESISTOR NC	smt0603	NC	NA	NA		
132	R4	RESISTOR 4K7 75V 125mW 1% 603	smt0603	4K7	VISHAY DRALORIC	CRCW06034K70FKEAHP	4	
133	R5	RESISTOR 4K7 75V 125mW 1% 603	smt0603	4K7	VISHAY DRALORIC	CRCW06034K70FKEAHP		
134	R6	RESISTOR 4K7 75V 125mW 1% 603	smt0603	4K7	VISHAY DRALORIC	CRCW06034K70FKEAHP		
135	R7	RESISTOR 4K7 75V 125mW 1% 603	smt0603	4K7	VISHAY DRALORIC	CRCW06034K70FKEAHP		
136	R8	RESISTOR 2K2 75V 125mW 1% 603	smt0603	2K2	VISHAY DRALORIC	CRCW06032K20FKEAHP	2	
137	R9	RESISTOR 2K2 75V 125mW 1% 603	smt0603	2K2	VISHAY DRALORIC	CRCW06032K20FKEAHP		
138	R10	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA	12	
139	R11	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
140	R12	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
141	R15	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP	15	
142	R16	RESISTOR 1K5 50V 63mW 1% 603	smt0603	1K5	TBD	1K5_0603	1	
143	R17	RESISTOR 10K 75V 125mW 1% 603	smt0603	10K	VISHAY DRALORIC	CRCW060310K0FKEAHP		
144	R18	RESISTOR 10K 75V 125mW 1% 603	smt0603	10K	VISHAY DRALORIC	CRCW060310K0FKEAHP		
145	R19	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
146	R20	RESISTOR NC	smt0603	NC	NA	NA		
147	R21	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
148	R22	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R	12	
149	R23	RESISTOR 330R 50V 63mW 1% 603	smt0603	330R	TBD	330R_0603	1	
150	R24	RESISTOR 330K 75V 100mW 1% 603	smt0603	330K	VISHAY DRALORIC	CRCW0603330KFKEA	1	
151	R25	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
152	R26	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
153	R27	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
154	R28	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
155	R29	RESISTOR 1M5 50V 63mW 1% 603	smt0603	1M5	MULTICOMP	MC0063W060311M50	1	
156	R30	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
157	R31	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
158	R32	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
159	R33	RESISTOR NC	smt0603	NC	NA	NA		
160	R34	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
161	R36	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
162	R37	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
163	R38	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
164	R39	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
165	R40	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
166	R41	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
167	R42	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
168	R43	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
169	R44	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
170	R45	RESISTOR 82R 75V 125mW 1% 603	smt0603	82R	VISHAY DRALORIC	CRCW060382R0FKEAHP	2	
171	R46	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		

172	R47	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
173	R48	RESISTOR 309K 50V 100mW 1% 603	smt0603	309K	VISHAY DALE	CRCW0603309KFKEA	1	
174	R49	RESISTOR NC	smt0603	NC	NA	NA		
175	R51	RESISTOR 10K 75V 125mW 1% 603	smt0603	10K	VISHAY DRALORIC	CRCW060310K0FKEAHP		
176	R52	RESISTOR 27R 75V 125mW 1% 603	smt0603	27R	VISHAY DRALORIC	CRCW060327R0FKEAHP	2	
177	R53	RESISTOR 27R 75V 125mW 1% 603	smt0603	27R	VISHAY DRALORIC	CRCW060327R0FKEAHP		
178	R56	RESISTOR NC	smt0603	NC	NA	NA		
179	R57	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
180	R58	RESISTOR NC	smt0603	NC	NA	NA		
181	R59	RESISTOR NC	smt0603	NC	NA	NA		
182	R60	RESISTOR NC	smt0603	NC	NA	NA		
183	R61	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
184	R62	RESISTOR NC	smt0603	NC	NA	NA		
185	R63	RESISTOR NC	smt0603	NC	NA	NA		
186	R64	RESISTOR NC	smt0603	NC	NA	NA		
187	R65	RESISTOR NC	smt0603	NC	NA	NA		
188	R66	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
189	R67	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
190	R68	RESISTOR 47K 75V 100mW 1% 603	smt0603	47K	VISHAY DRALORIC	CRCW060347K0FKEA	1	
191	R71	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
192	R72	RESISTOR 1K 75V 125mW 1% 603	smt0603	1K	VISHAY DRALORIC	CRCW06031K00FKEAHP	2	
193	R74	RESISTOR 15K 75V 125mW 1% 603	smt0603	15K	VISHAY DRALORIC	CRCW060315K0FKEAHP	2	
194	R75	RESISTOR 4R7 50V 100mW 1% 0603	smt0603	4R7	WELWYN	ASC0603-4R7FT5	2	
195	R76	RESISTOR NC	smt0603	NC	NA	NA		
196	R77	RESISTOR 15K 75V 125mW 1% 603	smt0603	15K	VISHAY DRALORIC	CRCW060315K0FKEAHP		
197	R78	RESISTOR 4R7 50V 100mW 1% 0603	smt0603	4R7	WELWYN	ASC0603-4R7FT5		
198	R79	RESISTOR 1K 75V 125mW 1% 603	smt0603	1K	VISHAY DRALORIC	CRCW06031K00FKEAHP		
199	R80	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
200	R81	RESISTOR 82R 75V 125mW 1% 603	smt0603	82R	VISHAY DRALORIC	CRCW060382R0FKEAHP		
201	R82	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
202	R83	RESISTOR 1M 75V 100mW 1% 603	smt0603	1M	VISHAY DRALORIC	CRCW06031M00FKEA		
203	R84	RESISTOR 0R 200V 500mW 1% 1206	sm_r 1206	0R	VISHAY DRALORIC	CRCW12060000Z0EA	5	
204	R85	RESISTOR 0R 200V 500mW 1% 1206	sm_r 1206	0R	VISHAY DRALORIC	CRCW12060000Z0EA		
205	R86	RESISTOR 0R 200V 500mW 1% 1206	sm_r 1206	0R	VISHAY DRALORIC	CRCW12060000Z0EA		
206	R87	RESISTOR 0R 200V 500mW 1% 1206	sm_r 1206	0R	VISHAY DRALORIC	CRCW12060000Z0EA		
207	R88	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
208	R89	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
209	R90	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
210	R91	RESISTOR 0R 75V 125mW 1% 603	smt0603	0R	MULTICOMP	MC 0.063W 0603 0R		
211	R92	RESISTOR 0R 200V 500mW 1% 1206	sm_r 1206	0R	VISHAY DRALORIC	CRCW12060000Z0EA		
212	R93	RESISTOR 100K 150V 330mW 1% 603	smt0603	100K	VISHAY DRALORIC	CRCW0603100KFKEAHP		
213	R94	RESISTOR NC	smt0603	NC	NA	NA		
214	R95	RESISTOR NC	smt0603	NC	NA	NA		
215	SW1	MICROSWITCH ON/OFF	swsmomronb3s1000	B3S-1000	OMRON	B3S-1000	1	
216	TP27	TH TEST POINT	JUMPER1	3110346000540	KONTEK	3110346000540	5	
217	TP28	TH TEST POINT	JUMPER1	3110346000540	KONTEK	3110346000540		
218	TP29	TH TEST POINT	JUMPER1	3110346000540	KONTEK	3110346000540		
219	TP30	TH TEST POINT	JUMPER1	3110346000540	KONTEK	3110346000540		
220	TP31	TH TEST POINT	JUMPER1	3110346000540	KONTEK	3110346000540		
221	U10	SPI FLASH 8Mbytes	SOIC8_R31W_R21L_R050PTCH	SST25VF080B-80-4I-S2AE	MICROCHIP	SST25VF080B-80-4I-S2AE	1	Replaced by SST25VF016B-75-4I-S2AF-T
222	U11	STEP-UP DC-DC CONVERTER	SOT23_5P	MAX1723EZK+	MAXIM-IC	MAX1723EZK+	1	
223	U12	NAND 2-INPUT PICO GATE	sot23_5p	SN74LVC1G00DBVT	TI	SN74LVC1G00DBVT	1	
224	U13	AND 2-INPUT PICO GATE	sc70-5	SN74AHC1G08DCKT	TI	SN74AHC1G08DCKT	2	
225	U1	DEEPCOVER SECURE CORTEX-M3 FLASH MICROCONTROLLER (WITH JTAG)	BGA121_8X8MM_0	MAX32550-JNS+	MAXIM-IC	MAX32550-JNS+	1	
226	U2	BATTERY CHARGER	QFN28THIN4MMEP	MAX8934EETI+	MAXIM-IC	MAX8934EETI+	1	
227	U3	STEP-UP/DOWN DC-DC	tdfn14ep_t1433-2	MAX8625AETD+	MAXIM-IC	MAX8625AETD+	1	
228	U4	ANALOG SWITCH PICO GATE	sot23_5p	SN74LVC1G66DBVR	TI	SN74LVC1G66DBVR	1	
229	U5	AND 2-INPUT PICO GATE	sc70-5	SN74AHC1G08DCKT	TI	SN74AHC1G08DCKT		
230	U6	NOR 2-INPUT PICO GATE	sc70-5	SN74AHC1G02DCKR	TI	SN74AHC1G02DCKR	1	
231	U7	Low-Capacitance, 2/3/4/6-Channel, ±30kV ESD-Protection Arrays for High-Speed Data Interfaces	DFN6	MAX13204EALT+	MAXIM-IC	MAX13204EALT+	2	
232	U8	Low-Capacitance, 2/3/4/6-Channel, ±30kV ESD-Protection Arrays for High-Speed Data Interfaces	DFN6	MAX13204EALT+	MAXIM-IC	MAX13204EALT+		
233	U9	PAN1026 BLUETOOTH 4.0 BLE MODULE	module_pan1026	ENW89837A3KF	PANASONIC	ENW89837A3KF	1	
234	U30	NFC CONTROLLER	qfn32thinmmcentpad	CLRC66302NN,151	NXP	CLRC66302NN,151	1	
235	U31	BACKLIGHT LED DRIVER	SOT23_6L	RT9300A/B	RICHTECK	RT9300A/B	1	
236	Y1	CRYSTAL, 32.768KHZ, FC-13F, 12.5PF	XT_3-2X1-5	32KHZ	EPSON TOYOCOM	FC-13F,32.768KHZ, 12.5PF	1	
237	Y2	12MHZ CRYSTAL	XT_3-2X2-5	12MHZ	TXC	7M-12.000MAAJ-T	1	
238	Y3	32,768KHZ OSCILLATOR 3,3V	XT_3-2X2-5_1	32,768KHZ	TXC	7XZ-32.768KBE-T	1	
239	Y5	27,12MHZ CRYSTAL	XT_3-2X2-5	27,12MHZ	TXC	7M-27.120MEEQ-T	1	
240								
241								
242								
243								
244								
245								
246								

Number of components :	211
Number of mechanical parts:	0
Number of NA:	7

