

一、PCBA BOM(SMT PART)

No	P/N	Ref.	Qty	Description	Value	Ordering Code	Manufacturer
1		PCB	1	PCB:PowerIdea-LM851 V3.0		PW-LM851 V3.0	
2	01080100	R104 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R201 R204 R214 R215 R216 R217 R219 R220 R222 R225 R604 R605 R609	24	Resistor, 0402-1/16W-1KΩ-J-Rohm	1KΩ ±5%	MCR01MZPJ102	Rohm
	01080101	R104 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R201 R204 R214 R215 R216 R217 R219 R220 R222 R225 R604 R605 R609	24	Resistor, 0402-1/16W-1KΩ-J-YAGEO	1KΩ ±5%	RC0402JR-071K	YAGEO
3	01080110	R228 R229 R230 R235 R607 R711 R712 R1101 R1105	9	Resistor, 0402-1/16W-10KΩ-J-Rohm	10KΩ ±5%	MCR01MZPJ103	Rohm
	01080111	R228 R229 R230 R235 R607 R711 R712 R1101 R1105	9	Resistor, 0402-1/16W-10KΩ-J-YAGEO	10KΩ ±5%	RC0402JR-0710K	YAGEO
4	01080120	R206 R211 R231 R405 R428 R803 R804 R901 R1108 R1118 R1119 R1209	12	Resistor, 0402-1/16W-100KΩ-J-Rohm	100KΩ ±5%	MCR01MZPJ104	Rohm
	01080121	R206 R211 R231 R405 R428 R803 R804 R901 R1108 R1118 R1119 R1209	12	Resistor, 0402-1/16W-100KΩ-J-YAGEO	100KΩ ±5%	RC0402JR-07100K	YAGEO
5	01080130	R202 R203 R221 R223 R224 R1203	6	Resistor, 0402-1/16W-1.5KΩ-J-Rohm	1.5KΩ ±5%	MCR01MZPJ152	Rohm
	01080131	R202 R203 R221 R223 R224 R1203	6	Resistor, 0402-1/16W-1.5KΩ-J-YAGEO	1.5KΩ ±5%	RC0402JR-071K5	YAGEO
6	01080140	R101 R502	2	Resistor, 0402-1/16W-150KΩ-J-Rohm	150KΩ ±5%	MCR01MZPJ154	Rohm
	01080141	R101 R502	2	Resistor, 0402-1/16W-150KΩ-J-YAGEO	150KΩ ±5%	RC0402JR-07150K	YAGEO
7	01080150	R614 R615 R616 R617	4	Resistor, 0402-1/16W-2.2KΩ-J-Rohm	2.2KΩ ±5%	MCR01MZPJ222	Rohm
	01080151	R614 R615 R616 R617	4	Resistor, 0402-1/16W-2.2KΩ-J-YAGEO	2.2KΩ ±5%	RC0402JR-072K2	YAGEO
9	01080180	R207 R301 R302 R303 R304 R305 R309 R310 R411 R700 R707	11	Resistor, 0402-1/16W-47KΩ-J-Rohm	47KΩ ±5%	MCR01MZPJ473	Rohm
	01080181	R207 R301 R302 R303 R304 R305 R309 R310 R411 R700 R707	11	Resistor, 0402-1/16W-47KΩ-J-YAGEO	47KΩ ±5%	RC0402JR-0747K	YAGEO
10	01080160	R612 R613	2	Resistor, 0402-1/16W-47Ω-J-Rohm	47Ω ±5%	MCR01MZPJ470	Rohm
	01080161	R612 R613	2	Resistor, 0402-1/16W-47Ω-J-YAGEO	47Ω ±5%	RC0402JR-0747R	YAGEO
11	01080200	C709 C1146 L701 R102 R105 R210 R233 R306 R308 R311 R314 R320 R322 R418 R420 R421 R422 R436 R510 R601 R602 R608 R704 R705 R706 R718 R719 R727 R731 R1107 R1109 R1112 R1113 R1114 R1123 MATCH601 MATCH603	37	Resistor, 0402-1/16W-0Ω-J-Rohm	0Ω ±5%	MCR01MZPJ000	Rohm
	01080201	C709 C1146 L701 R102 R105 R210 R233 R308 R306 R311 R314 R320 R322 R418 R420 R421 R422 R436 R510 R601 R602 R608 R704 R705 R706 R718 R719 R727 R731 R1107 R1109 R1112 R1113 R1114 R1123 MATCH601 MATCH603	37	Resistor, 0402-1/16W-0Ω-J-YAGEO	0Ω ±5%	RC0402JR-070R	YAGEO
12	01080210	R501 R503 R504 R505 R610 R1106	6	Resistor, 0402-1/16W-10Ω-J-Rohm	10Ω ±5%	MCR01MZPJ100	Rohm
	01080211	R501 R503 R504 R505 R610 R1106	6	Resistor, 0402-1/16W-10Ω-J-YAGEO	10Ω ±5%	RC0402JR-0710R	YAGEO
14	01080230	R1204 R1205 R1211 R1212	4	Resistor, 0402-1/16W-33Ω-J-Rohm	33Ω ±5%	MCR01MZPJ330	Rohm
	01080231	R1204 R1205 R1211 R1212	4	Resistor, 0402-1/16W-33Ω-J-YAGEO	33Ω ±5%	RC0402JR-0733R	YAGEO

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15	01080240	R801 R1207 R1208	3	Resistor, 0402-1/16W-100 Ω -J-Rohm	100 Ω ±5%	MCR01MZPJ101	Rohm
	01080241	R801 R1207 R1208	3	Resistor, 0402-1/16W-100 Ω -J-YAGEO	100 Ω ±5%	RC0402JR-07100R	YAGEO
16	01080250	R236 R412	2	Resistor, 0402-1/16W-3.9K Ω -J-Rohm	3.9K Ω ±5%	MCR01MZPJ392	Rohm
	01080251	R236 R412	2	Resistor, 0402-1/16W-3.9K Ω -J-YAGEO	3.9K Ω ±5%	RC0402JR-073K9	YAGEO
17	01080260	R603	1	Resistor, 0402-1/16W-51 Ω -J-Rohm	51 Ω ±5%	MCR01MZPJ510	Rohm
	01080261	R603	1	Resistor, 0402-1/16W-51 Ω -J-YAGEO	51 Ω ±5%	RC0402JR-0751R	YAGEO
18	01080270	R809	1	Resistor, 0402-1/16W-1M Ω -J-Rohm	1M Ω ±5%	MCR01MZPJ105	Rohm
	01080271	R809	1	Resistor, 0402-1/16W-1M Ω -J-YAGEO	1M Ω ±5%	RC0402JR-071M	YAGEO
19	01080280	R205	1	Resistor, 0402-1/16W-20K Ω -J-Rohm	20K Ω ±5%	MCR01MZPJ203	Rohm
	01080281	R205	1	Resistor, 0402-1/16W-20K Ω -J-YAGEO	20K Ω ±5%	RC0402JR-0720K	YAGEO
20	01080290	R401 R406	2	Resistor, 0402-1/16W-24K Ω -J-Rohm	24K Ω ±5%	MCR01MZPJ243	Rohm
	01080291	R401 R406	2	Resistor, 0402-1/16W-24K Ω -J-YAGEO	24K Ω ±5%	RC0402JR-0724K	YAGEO
21	01080300	R1201	1	Resistor, 0402-1/16W-120K Ω -J-Rohm	120K Ω ±5%	MCR01MZPJ124	Rohm
	01080301	R1201	1	Resistor, 0402-1/16W-120K Ω -J-YAGEO	120K Ω ±5%	RC0402JR-07120K	YAGEO
22	01080310	R606	1	Resistor, 0402-1/16W-36K Ω -J-YAGEO	36K Ω ±5%	RC0402JR-0736K	YAGEO
	01080311	R606	1	Resistor, 0402-1/16W-36K Ω -J-Rohm	36K Ω ±5%	MCR01MZPJ363	Rohm
23	01080320	R402	1	Resistor, 0.2 Ω -1%-1/8W-0805	0.2 Ω ±1%	RL0805FR-070R2L	YAGEO
24	01080330	R1202	1	Resistor, 0402-1/16W-560K Ω -J-YAGEO	560K Ω ±5%	RC0402JR-07560KL	YAGEO
	01080331	R1202	1	Resistor, 0402-1/16W-560K Ω -J-Rohm	560K Ω ±5%	MCR01MZPJ564	Rohm
25	01080340	V215 V301 V302 V303 V304 V305 V306 V307 V401 V402 V501 V812 V813 V814 V815 V816 V817 V1001 V1002 V1003 V1004 V1005 V1006 V1007 V1008 V1204 V1206 V1207 V1208	29	Chip Varistor 0402	15PF_5.0V	AVLC18S02015	AMOTECH
	01080341	V215 V301 V302 V303 V304 V305 V306 V307 V401 V402 V501 V812 V813 V814 V815 V816 V817 V1001 V1002 V1003 V1004 V1005 V1006 V1007 V1008 V1204 V1206 V1207 V1208	29	Varistor, 0402-9V~20V-2uA-15pF-Sunlord	15pF_9V	SDV1005E090C150NPT(f)	Sunlord
26	01080350	V1201 V1202	2	Multilayer Chip Varistor0402, 3pF, 18V	3pF_18V	SDV1005H180C030YPTF	sunlord
	01080351	V1201 V1202	2	Multilayer Chip Varistor0402, 3pF, 18V	3pF_18V	AVLC18S02003	AMOTECH AMECS
27	01080360	V201 V202 V203 V204 V216 V217 V422 V423 V502 V503 V504 V505	12	Varistor, 0402-5.5V-10~14V-70pF		SDV1005E5R5C700NPT(f)	Sunlord
	01080361	V201 V202 V203 V204 V216 V217 V422 V423 V502 V503 V504 V505	12	Varistor, 0402-5.5V-10~14V-80pF		SDV1005E5R5C800NPT(f)	Sunlord
28	01080390	R1104	1	Resistor, 0402-1/16W-12K Ω -F-Rohm	12K Ω ±1%	MCR01MZPF1202	Rohm
	01080391	R1104	1	Resistor, 0402-1/16W-12K Ω -F-YAGEO	12K Ω ±1%	RC0402FR-0712K	YAGEO
29	01080400	R1102	1	Resistor, 0402-1/16W-8.2K Ω -F-Rohm	8.2K Ω ±1%	MCR01MZPF8201	Rohm
	01080401	R1102	1	Resistor, 0402-1/16W-8.2K Ω -F-YAGEO	8.2K Ω ±1%	RC0402FR-078K2	YAGEO
30	01080410	R1120	1	Resistor, 0402-1/16W-1.8K Ω -J-Rohm	1.8K Ω ±5%	MCR01MZPJ182	Rohm
	01080411	R1120	1	Resistor, 0402-1/16W-1.8K Ω -J-YAGEO	1.8K Ω ±5%	RC0402JR-071K8	YAGEO
31	01080460	R802 R1115 R1125	3	Resistor, 0402-1/16W-470 Ω -J-Rohm	470 Ω ±5%	MCR01MZPJ471	Rohm
	01080461	R802 R1115 R1125	3	Resistor, 0402-1/16W-470 Ω -J-YAGEO	470 Ω ±5%	RC0402JR-07470R	YAGEO
32	01080420	R1103	1	Resistor, 0402-1/16W-18K Ω -J-Rohm	18K Ω ±5%	MCR01MZPJ183	Rohm

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	01080421	R1103	1	Resistor, 0402-1/16W-18K Ω -J-YAGEO	18K Ω \pm 5%	RC0402JR-0718K	YAGEO
33	01080430	R902	1	Resistor, 0402-1/16W-330 Ω -J-Rohm	330 Ω \pm 5%	MCR01MZPJ331	Rohm
	01080431	R902	1	Resistor, 0402-1/16W-330 Ω -J-YAGEO	330 Ω \pm 5%	RC0402JR-07330R	YAGEO
34	01190120	R800	1	Ambient Light Sensor SMD Device 1.7*0.8*0.6		ALS-PT19-315C/L177/TR8	EVERLIGHT
35	01090100	C637 C751 C908 C1113 C1114 C1124 C1144	7	Capacitor, Ceramic, 0402-50V-X7R-102-K	1nF \pm 10%	C1005X7R1H102KT	TDK
	01090101	C637 C751 C908 C1113 C1114 C1124 C1144	7	Capacitor, Ceramic, 0402-50V-X7R-102-K	1nF \pm 10%	GRM155R71H102KA01D+A01	MURATA
36	01090110	C113	1	Capacitor, Ceramic, 0402-16V-X7R-473-K	47nF \pm 10%	C1005X7R1C473KT	TDK
	01090112	C113	1	Capacitor, Ceramic, 0402-25V-X7R-473-K	47nF \pm 10%	GRM155R71E473KA88D	MURATA
37	01090120	C264 C1134	2	Capacitor, Ceramic, 0402-50V-C0G-101-J	100pF \pm 5%	C1005C0G1H101JT	TDK
	01090121	C264 C1134	2	Capacitor, Ceramic, 0402-50V-C0G-101-J	100pF \pm 5%	GRM1555C1H101JZ01D+A01	MURATA
38	01090130	C204 C205 C206 C244 C245 C246 C260 C261 C262 C429 C911 C1111 C1117	13	Capacitor, Ceramic, 0402-50V-C0G-120-J	12pF \pm 5%	C1005C0G1H120JT	TDK
	01090131	C204 C205 C206 C244 C245 C246 C260 C261 C262 C429 C911 C1111 C1117	13	Capacitor, Ceramic, 0402-50V-C0G-120-J	12pF \pm 5%	GRM1555C1H120JZ01D+C01	MURATA
39	01090140	C629 C631 C667 C670 C705 C706	6	Capacitor, Ceramic, 0402-50V-C0G-180-J	18pF \pm 5%	C1005C0G1H180JT	TDK
	01090141	C629 C631 C667 C670 C705 C706	6	Capacitor, Ceramic, 0402-50V-C0G-180-J	18pF \pm 5%	GRM1555C1H180JZ01D+C01	MURATA
40	01090150	C101 C102 C603 C623 C625 C711 C721 C1110 C1116	9	Capacitor, Ceramic, 0402-50V-C0G-220-J	22pF \pm 5%	C1005C0G1H220JT	TDK
	01090151	C101 C102 C603 C623 C625 C711 C721 C1110 C1116	9	Capacitor, Ceramic, 0402-50V-C0G-220-J	22pF \pm 5%	GRM1555C1H220JZ01D+C01	MURATA
41	01090160	C207 C208 C209 C213 C214 C215 C216 C217 C238 C241 C242 C243 C247 C248 C249 C427 C428 C431 C621 C656	20	Capacitor, Ceramic, 0402-50V-C0G-270-J	27pF \pm 5%	C1005C0G1H270JT	TDK
	01090161	C207 C208 C209 C213 C214 C215 C216 C217 C238 C241 C242 C243 C247 C248 C249 C427 C428 C431 C621 C656	20	Capacitor, Ceramic, 0402-50V-C0G-270-J	27pF \pm 5%	GRM1555C1H270JZ01D+C01	MURATA
42	01090170	C635	1	Capacitor, Ceramic, 0402-50V-C0G-470-J	47pF \pm 5%	C1005C0G1H470JT	TDK
	01090171	C635	1	Capacitor, Ceramic, 0402-50V-C0G-470-J	47pF \pm 5%	GRM1555C1H470JZ01D+C01	MURATA
43	01090180	C624 C639	2	Capacitor, Ceramic, 0402-50V-C0G-820-J	82pF \pm 5%	C1005C0G1H820JT	TDK
	01090181	C624 C639	2	Capacitor, Ceramic, 0402-50V-C0G-820-J	82pF \pm 5%	GRM1555C1H820JZ01D+C01	MURATA
44	01090450	C602 C654	2	Capacitor Ceramic 0402-50V-5R6-C	5.6pF \pm .25p	C1005C0G1H5R6CT	TDK
	01090451	C602 C654	2	Capacitor Ceramic 0402-50V-5R6-C	5.6pF \pm .25p	GRM1555C1H5R6CZ01D+C01	MURATA
45	01090550	C1128 C1129	2	Capacitor, Ceramic, 0402-50V-C0G-4R7-C	4.7pF \pm .25p	C1005C0G1H4R7CT	TDK
	01090551	C1128 C1129	2	Capacitor, Ceramic, 0402-50V-C0G-4R7-C	4.7pF \pm .25p	GRM1555C1H4R7CZ01D+C01	MURATA
46	01090200	C200 C228 C301 C901 C1115 C1130 C1136	7	Capacitor, Ceramic, 0805-6.3V-X5R-106-M	10uF \pm 20%	C2012X5R0J106MT	TDK
	01090201	C200 C228 C301 C901 C1115 C1130 C1136	7	Capacitor, Ceramic, 0805-10V-X5R-106-K	10uF \pm 10%	GRM21BR61A106KE19L	MURATA
	01090202	C200 C228 C301 C901 C1115 C1130 C1136	7	Capacitor, Ceramic, 0805-6.3V-X5R-106-K	10uF \pm 10%	GRM219R60J106KE19D	MURATA
47	01090210	C401 C406 C418 C430 C432 C504 C506 C701	8	Capacitor, Ceramic, 0603-10V-X5R-105-K	1uF \pm 10%	C1608X5R1A105KT	TDK
	01090211	C401 C406 C418 C430 C432 C504 C506 C701	8	Capacitor, Ceramic, 0603-16V-X5R-105-K	1uF \pm 10%	GRM188R61C105KA12D	MURATA

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48	01090220	C607	1	Capacitor, Ceramic, 0402-16V-X7R-333-K	33nF ± 10%,	C1005X7R1C333KT	TDK
	01090221	C607	1	Capacitor, Ceramic, 0402-16V-X7R-333-K	33nF ± 10%,	GRM155R71C333KA01D+A02	MURATA
49	01090230	C633 C636 C678 C679	4	Capacitor Ceramic 0402-50V-6R8-C	6. 8pF ± . 25p	C1005C0G1H6R8CT	TDK
	01090231	C633 C636 C678 C679	4	Capacitor Ceramic 0402-50V-6R8-C	6. 8pF ± . 25p	GRM1555C1H6R8CZ01D+C01	MURATA
50	01090250	C229 C230 C255 C717 C1126	5	Capacitor, Ceramic, 0402-10V-X5R-103-K	10nF ± 10%	C1005X5R1A103KT	TDK
	01090251	C229 C230 C255 C717 C1126	5	Capacitor, Ceramic, 0402-10V-X5R-103-K	10nF ± 10%	GRM155R71E103KA01D+A01	MURATA
	01090252	C229 C230 C255 C717 C1126	5	Capacitor, Ceramic, 0402-10V-X7R-103-K	10nF ± 10%	GRM155R71H103KA88D	MURATA
51	01090260	C627 C638	2	Capacitor, Ceramic, 0402-50V-C0G-390-J	39pF ± 5%	C1005C0G1H390JT	TDK
	01090261	C627 C638	2	Capacitor, Ceramic, 0402-50V-C0G-390-J	39pF ± 5%	GRM1555C1H390JZ01D+C01	MURATA
52	01090270	C259 C616	2	Capacitor, Ceramic, 0402-10V-X5R-224-K	220nF ± 10%	C1005X5R1A224KT	TDK
	01090271	C259 C616	2	Capacitor, Ceramic, 0402-10V-X5R-224-K	220nF ± 10%	GRM155R61A224KE19D+A01	MURATA
53	01090280	C267 C411 C412 C413 C420 C502 C719 C802 C804 C1025 C1123	11	Capacitor, Ceramic, 0603-6. 3V-X5R-225-K	2. 2uF ± 10%	C1608X5R0J225KT	TDK
	01090281	C267 C411 C412 C413 C420 C502 C719 C802 C804 C1025 C1123	11	Capacitor, Ceramic, 0603-6. 3V-X5R-225-K	2. 2uF ± 10%	GRM188R60J225KE34D+A01	MURATA
54	01090540	C614	1	Capacitor, Ceramic, 0402-50V-C0G-010-B	1pF ± . 1p	C1005C0G1H010BT	TDK
	01090541	C614	1	Capacitor, Ceramic, 0402-50V-C0G-010-B	1pF ± . 1p	GRM1555C1H1R0BZ01E	MURATA
55	01090300	C223	1	Capacitor, Ceramic, 0402-10V-X7R-394-K	390nF ± 10%	C1005X5R1A394KT	TDK
	01090301	C223	1	Capacitor, Ceramic, 0402-10V-X7R-394-K	390nF ± 10%	GRM155R61A394KE15D+A01	MURATA
56	01090310	C103 C104 C105 C106 C107 C108 C109 C110 C111 C201 C202 C235 C239 C250 C251 C256 C257 C258 C265 C266 C269 C270 C271 C307 C311 C312 C313 C402 C403 C407 C408 C410 C422 C424 C501 C503 C505 C606 C608 C609 C610 C611 C619 C626 C707 C715 C716 C720 C722 C861 C903 C907 C1006 C1008 C1024 C1112 C1118 C1131 C1132 C1133 C1140 C1142 C1143 C1 C2 C112	66	Capacitor, Ceramic, 0402-16V-X5R-104-K	0. 1uF ± 10%	C1005X5R1C104KT	TDK
	01090312	C103 C104 C105 C106 C107 C108 C109 C110 C111 C201 C202 C235 C239 C250 C251 C256 C257 C258 C265 C266 C269 C270 C271 C307 C311 C312 C313 C402 C403 C407 C408 C410 C422 C424 C501 C503 C505 C606 C608 C609 C610 C611 C619 C626 C707 C715 C716 C720 C722 C861 C903 C907 C1006 C1008 C1024 C1112 C1118 C1131 C1132 C1133 C1140 C1142 C1143 C1 C2 C112	66	Capacitor, Ceramic, 0402-16V-X5R-104-K	0. 1uF ± 10%	GRM155R71C104KA88D	MURATA
57	01090320	C231 C232 C233 C234 C801 C803 C902 C1121 C1145	9	Capacitor, Ceramic, 0402-10V-X5R-474-K	470nF ± 10%	C1005X5R1A474KT	TDK
	01090321	C231 C232 C233 C234 C801 C803 C902 C1121 C1145	9	Capacitor, Ceramic, 0402-10V-X5R-474-K	470nF ± 10%	GRM155R61A474KE15D+A01	MURATA
58	01090330	C203 C210 C211 C212 C225 C226 C227 C252 C253 C1120	10	Capacitor, Ceramic, 0402-50V-C0G-33R-J	33pF ± 5%	C1005C0G1H330JT	TDK

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	01090331	C203 C210 C211 C212 C225 C226 C227 C252 C253 C1120	10	Capacitor, Ceramic, 0402-50V-C0G-33R-J	33pF ± 5%	GRM1555C1H330JZ01D+C01	MURATA
59	01090340	C655	1	Capacitor, Ceramic, 0402-50V-C0G-221-J	220pF ± 5%	C1005C0G1H221JT	TDK
	01090341	C655	1	Capacitor, Ceramic, 0402-50V-C0G-221-J	220pF ± 5%	GRM1555C1H221JA01D+A01	MURATA
60	01090350	C240 C404 C405 C414 C417 C419 C421 C605 C704	9	Capacitor, Ceramic, 0603-6.3V-X5R-475-K	4.7uF ± 10%	C1608X5R0J475KT	TDK
	01090351	C240 C404 C405 C414 C417 C419 C421 C605 C704	9	Capacitor, Ceramic, 0603-6.3V-X5R-475-K	4.7uF ± 10%	GRM188R60J475KE19D+A01	MURATA
61	01090360	C254 C906 C1201 C1202	4	Capacitor, Ceramic, 0805-6.3V-X5R-226-M	22uF ± 20%	C2012X5R0J226MT	TDK
	01090361	C254 C906 C1201 C1202	4	Capacitor, Ceramic, 0805-6.3V-X5R-226-M	22uF ± 20%	GRM21BR60J226ME+A01	MURATA
62	01090370	C236 C604 C1001 C1022 C1023	5	Capacitor, Ceramic, 1u 10% 0402-10V-X5R-105-K	1uF ± 10%	C1005X5R1A105KT	TDK
	01090371	C236 C604 C1001 C1022 C1023	5	Capacitor, Ceramic, 1u 10% 0402-10V-X5R-105-K	1uF ± 10%	GRM155R61A105KA61D+A01	MURATA
	01090372	C236 C604 C1001 C1022 C1023	5	Capacitor, Ceramic, 1u 10% 0402-6.3V-X5R-105-K	1uF ± 10%	GRM155R60J105KE19D+A01	MURATA
63	01090380	C560	1	Capacitor, Ceramic, 0402-50V-X7R-332-KT	3.3nF ± 10%	C1005X7R1H332KT	TDK
	01090381	C560	1	Capacitor, Ceramic, 0402-50V-X7R-332-K	3.3nF ± 10%	GRM155R71H332KA01B	MURATA
64	01090390	C601	1	Tantalum Capacitor, 100uF, ± 20%, 6.3V@85C, B Case, Molded, Standard	100uF ± 20%	T520B107M006ATE040	KEMET
	01090391	C601	1	Tantalum chip capacitor, 100uF ± 20%, 6.3V, B CASE H:1.9mm	100uF ± 20%	F930J107MBA	Nichicon
65	01090420	C703	1	Capacitor, Ceramic, 0402-50V-X7R-681-K	680pF ± 10%	C1005X7R1H681KT	TDK
	01090421	C703	1	Capacitor, Ceramic, 0402-50V-X7R-681-K	680pF ± 10%	GRM155R71H681KA01D+A01	MURATA
66	01090430	C712	1	Capacitor, Ceramic, 0402-50V-C0G-181-J	180pF ± 5%	GRM1555C1H181J*	MURATA
	01090431	C712	1	Capacitor, Ceramic, 0402-50V-C0G-181-J	180pF ± 5%	C1005C0G1H181J*	TDK
67	01090440	C723	1	Capacitor, Ceramic, 0402-25V-X7R-223-K	22nF ± 10%	C1005X7R1E223KT	TDK
	01090441	C723	1	Capacitor, Ceramic, 0402-25V-X7R-223-K	22nF ± 10%	GRM155R71E223KA61D+A01	MURATA
68	01090460	C708	1	Capacitor, Ceramic, 0402-50V-C0G-8R2-C	8.2pF ± .25p	C1005C0G1H8R2CT	TDK
	01090461	C708	1	Capacitor, Ceramic, 0402-50V-C0G-8R2-C	8.2pF ± .25p	GRM1555C1H8R2CZ01D+C01	MURATA
69	01090470	C1107 C1109	2	Capacitor, Ceramic, 0402-50V-C0G-8R2-C	15pF ± 5%	C1005C0G1H150JT	TDK
	01090471	C1107 C1109	2	Capacitor, Ceramic, 0402-50V-C0G-150-J	15pF ± 5%	GRM1555C1H150JZ01D+C01	MURATA
70	01090480	C1119	1	Capacitor, Ceramic, 0402-50V-C0G-100-C	10pF ± 5%	C1005C0G1H100CT	TDK
	01090481	C1119	1	Capacitor, Ceramic, 0402-50V-C0G-100-D	10pF ± 5%	GRM1555C1H100JZ01E	MURATA
71	01090490	C1106	1	Capacitor, Ceramic, 0402-50V-X7R-471-K	470pF ± 10%	C1005X7R1H471KT	TDK
	01090491	C1106	1	Capacitor, Ceramic, 0402-50V-X7R-471-K	470pF ± 10%	GRM155R71H471KZ01E	MURATA
72	01090500	C1127 C1135	2	Capacitor, Ceramic, 0402-25V-X7R-682-K	6.8nF ± 10%	C1005X7R1E682KT	TDK
	01090501	C1127 C1135	2	Capacitor, Ceramic, 0402-25V-X7R-682-K	6.8nF ± 10%	GRM155R71E682KA01B	MURATA
73	01100100	L203 L204 L205 L206 L207 L210 L212 L213 L214 L215 L402 L403 L501 L620 L1201 L1203 L1204	17	Ferrite, 0402	600 Ω	GZ1005D601T(f)	Sunlord
74	01100110	L208 L209 L1205	3	ChipFerriteBead, 0603, 470R ± 25% @ 100MHZ, DCR: 0.15R 0.7A	470R ± 25% @ 100MHZ	FBMH1608HM471-T	TAIYO YUDEN
	01100111	L208 L209 L1205	3	ChipFerriteBead, 0603, 470R ± 25% @ 100MHZ, DCR: 0.15R 0.7A		HPZ1608D471(f)	Sunlord
75	01100120	L101	1	ChipFerriteBead, 0603, 180 OHM		BLM18PG181SN1D	Murata
	01100121	L101	1	ChipFerriteBead, 0603, 180 OHM		PZ1608U181-1R0T(f)	Sunlord
76	01100130	L610 TVS1101	2	Inductor, 15nH-5%-320mA-0.30 Ω -0402-TAIYO	15nH ± 5%	HK100515NJ-T	TAIYO YUDEN
	01100131	L610 TVS1101	2	Inductor, 15nH-5%-300mA-0.55 Ω -0402-Sunlord	15nH ± 5%	SDCL1005C15NJT(f)	Sunlord

No	P/N	Ref.	Qty	Description	Value	Ordering Code	Manufacturer
77	01100230	C630	1	Inductor, 3.3nH-0.3nH-550mA-0.10Ω-0402-TAIYO	3.3nH±.3nH	HK10053N3S-T	TAIYO YUDEN
	01100231	C630	1	Inductor, 3.3nH-0.3nH-400mA-0.19Ω-0402-Sunlord	3.3nH±.3nH	SDCL1005C3N3ST (f)	Sunlord
78	01100160	L609 L661 L705	3	Inductor, 4.7nH-0.3nH-400mA-0.42Ω-0402-Sunlord	4.7nH±.3nH	SDCL1005C4N7ST	Sunlord
	01100161	L609 L661 L705	3	Inductor, 4.7nH-0.3nH-400mA-0.42Ω-0402-Sunlord	4.7nH±.3nH	SDCL1005C4N7ST (f)	Sunlord
79	01100170	C634 L616	2	Inductor, 2.7nH-0.3nH-300mA-0.13Ω-0402-TAIYO	2.7nH±.3nH	HK10052N7S-T	TAIYO YUDEN
	01100171	C634 L616	2	Inductor, 2.7nH-0.3nH-400mA-0.17Ω-0402-Sunlord	2.7nH±.3nH	SDCL1005C2N7ST (f)	Sunlord
80	01100180	L401 L1202	2	Ferrite, 0805	220Ω	PZ2012U221-2R0T (f)	Sunlord
81	01100190	C718 L602	2	Inductor, 2.2nH-0.3nH-300mA-0.13Ω-0402-TAIYO	2.2nH±.3nH	HK10052N2S-T	TAIYO YUDEN
	01100191	C718 L602	2	Inductor, 2.2nH-0.3nH-400mA-0.16Ω-0402-Sunlord	2.2nH±.3nH	SDCL1005C2N2ST (f)	Sunlord
82	01100200	L700 L704	2	Inductor, 1.5nH-0.3nH-400mA-0.13Ω-0402-Sunlord	1.5nH±0.3nH	SDCL1005C1N5ST (f)	Sunlord
	01100201	L700 L704	2	Inductor, 1.5nH-0.3nH-300mA-0.1Ω-0402-TAIYO	1.5nH±0.3nH	HK10051N5S	TAIYO YUDEN
83	01100220	L708 L1108	2	Inductor, 100nH-5%-150mA-1.5Ω-0402-TAIYO	100nH±5%	HK1005R10J-T	TAIYO YUDEN
	01100221	L708 L1108	2	Inductor, 100nH-5%-150mA-2.6Ω-0402-Sunlord	100nH±5%	SDCL1005CR10JT (f)	Sunlord
84	01100240	L1110	1	Inductor, 5.6nH-0.3nH-400mA-0.27Ω-0402-Sunlord	5.6nH±.3nH	SDCL1005C5N6ST	Sunlord
	01100241	L1110	1	Inductor, 5.6nH-0.3nH-400mA-0.27Ω-0402-Sunlord	5.6nH±.3nH	SDCL1005C5N6ST (f)	Sunlord
85	01100210	L608 L1107	2	Inductor, 18nH-5%-310mA-0.30Ω-0402-TAIYO	18nH±5%	HK100518NJ-T	TAIYO YUDEN
	01100211	L608 L1107	2	Inductor, 18nH-5%-300mA-0.65Ω-0402-Sunlord	18nH±5%	SDCL1005C18NJT (f)	Sunlord
86	01100250	L1104 L1111	2	Inductor, 27nH-5%-300mA-0.7Ω-0402-TAIYO	27nH±5%	HK100527NJ-T	TAIYO YUDEN
	01100251	L1104 L1111	2	Inductor, 27nH-5%-200mA-0.9Ω-0402-Sunlord	27nH±5%	SDCL1005C27NJT (f)	Sunlord
87	01100260	L1112	1	Inductor, 10nH-5%-300mA-0.31Ω-0402-TAIYO	10nH±5%	HK100510NJ-T	TAIYO YUDEN
	01100261	L1112	1	Inductor, 10nH-5%-300mA-0.42Ω-0402-Sunlord	10nH±5%	SDCL1005C10NJT (f)	Sunlord
88	01100270	L1105	1	Inductor, 47nH-5%-150mA-1.3Ω-0402-Sunlord	47nH±5%	SDCL1005C47NJT (f)	Sunlord
89	01100280	L1106	1	Coil, 0603-15nH-5%	15nH±5%	LQW18AN15NJ00	MURATA
	01100281	L1106	1	Coil, 0603-15nH-2%	15nH±2%	LQW18AN15NG00	MURATA
90	01100290	L1109	1	Coil, 0603-18nH-5%	18nH±5%	LQW18AN18NJ00	MURATA
	01100291	L1109	1	Coil, 0603-18nH-2%	18nH±2%	LQW18AN18NG00	MURATA
91	01150100	U203	1	Echo Canceller and noise suppressor, 22-PIN CSP Package		FM2018-380	Fortemedia
92	01150110	U301	1	MCP, 256MFlash, 64MSRAM, TFBGA107, 8*10*1.2MM		PF38F4050M0Y0QF	Intel
	01150111	U301	1	MCP, 256MFlash/64MSRAM, TFBGA107		M36POR8060E0	ST
94	01150130	U201	1	2 Watt Audio Power Amplifier with Selectable Shutdown	8-lead MSOP8	AUD4990MS08	ANALOG EXPRESS
	01150131	U201	1	Audio Power Amplifier, 1.28W-MSOP8		BL6212MM	BELLING
	01150132	U201	1	Aduio PA, 2 Watt Audio Power Amplifier with Selectable Shutdown-55dB-MSOP8	MSOP8	LM4990MM	NS
	01150133	U201	1	1.25 Watt Audio Power Amplifier	MSOP8	BL6290	BELLING
95	01130100	U601 U1102 U801	3	Low noise LDO, 150mA, 2.8V, SOT-23-5	2.8V	R1114N281B-TR-F	RICOH
	01130101	U601 U1102 U801	3	2.8V/150mA Low Dropout Linear Regulators	2.8V/150mA	R1114N281D-TR	RICOH
	01130102	U601 U1102 U801	3	LDO, 2.8V-300mA-SOT235	2.8V/300mA	BL8563-28PRA	Belling

No	P/N	Ref.	Qty	Description	Value	Ordering Code	Manufacturer
	01130103	U601 U1102 U801	3	2.8V, Low noise 150mA LDO Regulators	2.8V/150mA	RP119N281D	RICOH
96	01130110	U902	1	Low noise LDO, 150mA, 3.3V, SOT-23-5	3.3V	R1114N331B-TR-F	RICOH
	01130111	U902	1	3.3 V/150mA Low Dropout Linear Regulators	3.3V	AAT32151GV-3.3-T1	AnalogicTech
	01130112	U902	1	LDO, 3.3V-300mA-SOT235	3.3V/300mA	BL8563-33PRA	Belling
97	01130120	U802	1	Low ESR Caps Compatible High Speed LDO Voltage Regulators with ON/OFF Sw	1.3V	XC6221	TOREX
	01130121	U802	1	Low ESR Caps Compatible High Speed LDO Voltage Regulators with ON/OFF Sw	1.3V	XC6221B132MR	TOREX
	01130122	U802	1	High speed, Low dropout, +/-1% High output accuracy with On/Off circuit CM	1.3V	VRH1302LTX	AnaSem
98	01150140	U1001	1	IC, Dual SIM Card Controller and Power Management-3x3mm-20LD MQFN	20LD MQFN	MT6302	MTK
	01150141	U1001	1	IC, Dual SIM Card Controller and Power Management-3x3mm-20LD MQFN	20LD MQFN	WS6302	Willsemi
	01150142	U1001	1	IC, Dual SIM Card Controller and Power Management-3x3mm-20LD MQFN	20LD MQFN	XPT6302	
99	01150150	U303 U1103 U1104 U1105	4	SWITCH		TS5A3159DCK	TI
	01150151	可代替U303 U1103 U1104 U1105	4	SWITCH		SGM3167YC6/TR	SGM
	01150152	可代替U303 U1103 U1104 U1105	4	SWITCH		SGM3157YC6/TR	SGM
100	01140170	U600	1	Antenna Switch Module, for for GSM900/1800/1900 or GSM850/1800/1900-3.2x3.2x1.4mm		LMSP33AA-695TEMP	MURATA
	01140171	U600	1	Antenna Switch Module GSM850 or EGSM900/DCS1800 or PCS1900 Band-3.2x3.2x1.3mm		ADG3232GC6T6LF	PILKORCND
101	01150170	U202	1	Inverter	TSSOP5 SOT353-1	74LVC1GU04GW	NXP
	01150171	U202	1	Inverter	TSSOP5 SOT353-1	SN74LVC1GU04DCK	TI
	01150172	U202	1	Inverter	TSSOP5 SOT353-1	L74VHC1G14	LRC
102	01150180	U501	1	Touch-Screen Controller IC, QFN 16-L		MT6301N/AY	MTK
	01150181	U501	1	IC, Touch Screen Controller-UH7843-QFN16P	QFN-16	UH7843-LF	UHTRA
	01150182	U501	1	4-wire touch screen controller, low-voltage:1.5V to 5.25V, 50KΩ	QFN-16	CSC20461RGVRG4	HWCAT
	01150183	U501	1			XPT2046	
103	01150190	IC101	1	Quad Band GSM850/GSM900/DCS/PCS	POWER AMP MODULE 6mm*6mm	RF3196MS	RFMD
104	01150200	U602	1	IC, GSM850/900/1800/1900 single chip GSM radio-LFCSP32	LFCSP32	AD6548BCPZ	Analog Devices
105	01150210	U101	1	IC, GSM/GPRS Baseband processor, 12*12*1.2mm, 264-TFBGA		MT6225A/B*-L	MTK
106	01210270	J1201	1	Micro USB 5PIN		USBFD-00510-TP3B	Saber
107	01150260	U1101	1	Single Chip Transceiver For Walkie Talkie, QFN40, 6*6*0.9mm		RDA1845	RDA
108	01150270	U901	1	SiRF Star III Low power solution, GPS Module		GP3SF1513F1-S	GP-X
	01150271	U901	1	GPS Engine Board, Gstar		GS-92	
	01150272	U901	1	SiRF Star III Low power solution, GPS Module		SR-96	DAGMA
109	01160180	XTAL1101	1	Crystal, 25.6MHz±10PPM, 12pF, 40ohm, 3.2x2.5x0.65mm	25.6MHz	X3S025600BC1H-HU	加高
110	01180150	D1101 D1102	2	Diode, 30V-100mA-1.7X0.9X0.7mm		1SS381	TOSHIBA
	01180151	D1101 D1102	2	Diode, 30V-100mA-1.7X0.9X0.7mm		1SS381	KEXIN
111	01180160	T1101	1	NPN Silicon transistor, for VHF, UHF low noise amplifier		2SC4226-T1(R25)	NEC
112	01180170	T1102	1	Mosfet, N-Channel 3.5V(G-S), SC-62		2SK3656	TOSHIBA
113	01160101	XTAL101	1	Crystal, (12.5pF_32.768KHz-±20ppm)	12.5pF	MS2V-T1S	MicroCrystal

No	P/N	Ref.	Qty	Description	Value	Ordering Code	Manufacturer
114	01160110	XTAL601	1	Crystal, 26MHz-11.2pF- ±10ppm-3.2x2.5x0.7mm	26MHz	SQ3D02600L2LNA	Samsung
115	01160120	Z602	1	SAW FILTER for GSM1800/GSM1900 (Rx) 1.85*1.4*0.5mm	1842.5MHz/1960MHz	SAWENIG84CW0F00	MURATA
116	01160150	Z601	1	SAW FILTER for GSM850/GSM900 (Rx) 1.85*1.4*0.5mm	881.5MHz/942.5MHz	SAWEN881MCY0F00	Murata
117	01160160	XTAL701	1	VCXO-32MHZ 12P 10ppm/10ppm/-20C~+70C 3.2x2.5x0.7		TZ0375A	TST
	01160161	XTAL701	1	VCXO-32 12P ±10ppm 3.2x2.5x0.7, 32MHz, 500HM		7V32000035	TXC
	01160162	XTAL701	1	VCXO-32 12P ±10ppm 3.2x2.5x0.7, 32MHz, 500HM		X3S032000BC1H-NHU	
118	01160170	U702	1	Bluetooth Saw		LFB182G45SG9A293	Murata
	01160171	U702	1	Bluetooth Saw		SLFB18-2R450G-02TF	Sunlord
119	01180100	D102 D401 D1201 D1202	4	Schottky barrier diode, EMD2		RB520S-30	Rohm
	01180101	D102 D401 D1201 D1202	4	Diode, Schottky-30V-1A-SC79		SEB520S-30	SINO-IC
	01180102	D102 D401 D1201 D1202	4	Diode, Schottky-30V-1A-SC79		LRB520S30T1G	LRC
120	01180110	T401 T801 T802 T803	4	Transistor, SC-70		DTC113ZUA	Rohm
	01180111	T401 T801 T802 T803	4	Transistor, SC-70		LDTC113ZWT1G	LRC
121	01180180	D901	1	Diode, Shottky-40V-30mA-SOT323		RB715F	ROHM
	01180181	D901	1	Diode, Shottky-40V-30mA-SOT323		LRB715FT1G	LRC
122	01150230	U403	1	P-channel 1.8V(G-S) MOSFET , 1206-8 CHIPFET		SI5853DC	VISHAY
	01150233	U403	1	MOS/P, with diode-20V(D-S)-4A-3.05X1.9X1.1mm		WPM2005	Willsemi
123	01150240	U700	1	Bluetooth Transceiver and Baseband processor		MT6601TL	MTK
124	01150250	U704	1	IC, Single-Chip Broadcast FM Radio Tuner, RDA5802, QFN-24	QFN-24	RDA5802E	RDA
125	01190110	LED801	1	Chip LEDs with Bi-Color (Multi-Color)		19-226SURSYGC/S530-A2/E3/TR	EVERLIGHT
126	01210100	J601	1	Antenna Connector		MM8430-2610	MURATA
127	01210110	J901	1	Connector GPS Antenna 20mohm MAX 3GHZ 3.1x3.0x1.25mm		20279-001E-01	I-PEX
128	01210120	J1001 J1002	2	SIM CARD 6POS. CONN. SMT TYPE W/CLIP L=14.2MM		SM-SIM618-002	Saber
129	01210130	J301	1	T-FLASH CARD		TFRHS-00815-TP00	Saber
	01210131	J301	1	T-FLASH CARD, 1.9H		TFRHS-00815+TP01	Saber
130	01210270	J1201	1	Micro USB 5PIN		USBFD-00510-TP3B	Saber
131	01210220	J401	1	7.00mm 3PIN BATTERY CONNECTOR W/O POST		BATSV-00315-TPL7	Saber
132	01210160	J1202	1	EARPHONE JACK		SM-JAK06-002	Saber
133	01210180	J503	1	Touch Panel connector , 4pin		FH19C-4S-0.5SH(05)	HRS
134	01210231	J801	1	20 PIN B To B, Without retention fitting		BAF04-20153-0502	LCN
135	01210200	J501	1	LCD FPC connector , 45pin		FH26-45S-0.3SHW	HRS
136	01210241	J802	1	30 PIN B To B, Without retention fitting		BAF04-30153-0502	LCN
137	01090410	BATT1	1	Battery, 3.3V-0.01mAh-20uA-Φ4.8mm-H1.67mm		XH414H-IV01E	Seiko
	01090411	BATT1	1	Battery, 3.3V-0.01mAh-20uA-Φ4.8mm-H1.67mm		HB414H-IV01E	Seiko
	01090412	BATT1	1	Battery, 3.3V-0.01mAh-20uA-Φ4.8mm-H1.67mm		ML414R-TT40	SANYO
138	01040100	Shielding of BB	1	Shielding of BB		PW-LM851_BB_Shielding	
139	01041560	Shielding of PA	1	Shielding of PA		PW-LM851_PA_Shielding	
140	01041550	Shielding of RF	1	Shielding of RF		PW-LM851_RF_Shielding	
141	01040130	Shielding of BT	1	Shielding of BT		PW-LM852_BT_Shielding	
142	01040140	Shielding of WALKIETALKIE	1	Shielding of WALKIETALKIE		PW-LM851_WALKIETALKIE_Shielding	