

#	Ref Designator	DiaSemi Code	Description	Value	Min Tolerance	Max Tolerance	Rating	Dielectric	Pop/Unpop	Manufacturer	Manufacturer Part Number	BOM_Assembly Instruction
1	MEC1	002-00015	359-05-WEIGHT	Dialog 359-05 Weight					Populated	Dialog Semiconductor	359-05 Weight	Mates (bottomside) with 4 x MH1/2/3/4 of PCB
2	MSC13	009-00014	URA, 2.5V, Coin Vibrator Motor, 10mm Diameter	JHV-10L5-L0058	4930				Populated	Jahwa Electronics	JHV-10L5-L0058	Mates (topside) with MSC14
3	MSC14	009-00015	VHB Acrylic Foam Tape, 10mm Diameter						Populated	3M		Mates (topside) with topside of PCB near TP17/TP16 so that MSC13 can be secured to PCB close to test points for wiring
4	MSC3	003-00001	Hexagonal Nickel plated Brass M3 Spacer 5mm Female-Female	M3x5mm					Populated	Ettinger	05.03.053	Mates (topside) with MSC1 at position MH1
5	MSC6	003-00001	Hexagonal Nickel plated Brass M3 Spacer 5mm Female-Female	M3x5mm					Populated	Ettinger	05.03.053	Mates (topside) with MSC4 at position MH3
6	MSC9	003-00001	Hexagonal Nickel plated Brass M3 Spacer 5mm Female-Female	M3x5mm					Populated	Ettinger	05.03.053	Mates (topside) with MSC7 at position MH2
7	MSC12	003-00001	Hexagonal Nickel plated Brass M3 Spacer 5mm Female-Female	M3x5mm					Populated	Ettinger	05.03.053	Mates (topside) with MSC10 at position MH4
8	MSC1	003-00017	Screw, Pozzi Pan, Steel, B2P, M3x10mm	M3x10mm					Populated	RS PRO	560-596	Mates (bottomside) at position MH1 through MECL and PCB with MSC2 & MSC3
9	MSC4	003-00017	Screw, Pozzi Pan, Steel, B2P, M3x10mm	M3x10mm					Populated	RS PRO	560-596	Mates (bottomside) at position MH3 through MECL and PCB with MSC5 & MSC6
10	MSC7	003-00017	Screw, Pozzi Pan, Steel, B2P, M3x10mm	M3x10mm					Populated	RS PRO	560-596	Mates (bottomside) at position MH2 through MECL and PCB with MSC8 & MSC9
11	MSC10	003-00017	Screw, Pozzi Pan, Steel, B2P, M3x10mm	M3x10mm					Populated	RS PRO	560-596	Mates (bottomside) at position MH4 through MECL and PCB with MSC11 & MSC12
12	MSC2	003-00018	Washer, Full, Nylon, M3	M3					Populated	TR Fastenings	TR-NWE-34815-M3	Mates (topside) with MSC1 at position MH1
13	MSC5	003-00018	Washer, Full, Nylon, M3	M3					Populated	TR Fastenings	TR-NWE-34815-M3	Mates (topside) with MSC4 at position MH3
14	MSC8	003-00018	Washer, Full, Nylon, M3	M3					Populated	TR Fastenings	TR-NWE-34815-M3	Mates (topside) with MSC7 at position MH2
15	MSC11	003-00018	Washer, Full, Nylon, M3	M3					Populated	TR Fastenings	TR-NWE-34815-M3	Mates (topside) with MSC10 at position MH4
16	LNK_J1-1	004-00002	Jumpier Link 2.54mm Open Red	SNT-100-RD-G					Populated	Samtec	SNT-100-RD-G	Fit to J11-3
17	LNK_J1-2	004-00002	Jumpier Link 2.54mm Open Red	SNT-100-RD-G					Populated	Samtec	SNT-100-RD-G	Fit to J12-4
18	LNK_J13	004-00003	Jumpier Link 2.54mm 2-Way Open Black	MNT-102-BK-G					Populated	Samtec	MNT-102-BK-G	Fit to J13:1-2 & 3-4
19	J9	009-00012	Connector Latch For PCI Express Mini Card	MM60-EZH059-B5-RE50					Populated	JAE Electronics	MM60-EZH059-B5-RE50	
20	MSC13	009-00016	1mtr USB 3.1 Type C Male to USB 2.0 Type A Male Cable	182-8848					Populated	RS PRO	182-8848	Mates with J6 and PC USB connector
21	C35	014-00012	3216 (1206 EIA) SMD Tantulum Capacitor	4u7	-10%	-10%	16V		Populated	Kemet	T491A475K016AT	
22	C26	014-00014	3216 (1206 EIA) SMD Tantulum Capacitor	10u	-10%	-10%	10V		Populated	Kemet	T491A106K010AT	
23	C18	014-00019	2012 (0805 EIA) SMD Tantulum Capacitor	22u	-20%	-20%	10V		Populated	AVX	TACR226M010XTA	
24	C45	014-00019	2012 (0805 EIA) SMD Tantulum Capacitor	22u	-20%	-20%	10V		Populated	AVX	TACR226M010XTA	
25	C38	016-00001	1005 (0402 EIA) SMD Capacitor	10p	-5%	-5%	50V	COG/NPO	Populated	Murata	GRM1555C1H100A01D	
26	C33	016-00002	1005 (0402 EIA) SMD Capacitor	12p	-5%	-5%	50V	COG/NPO	Populated	Murata	GRM1555C1H120A01D	
27	C37	016-00002	1005 (0402 EIA) SMD Capacitor	12p	-5%	-5%	50V	COG/NPO	Populated	Murata	GRM1555C1H120A01D	
28	C7	016-00051	1005 (0402 EIA) SMD Capacitor	1n	-10%	-10%	16V		Populated	Murata	GRM155SR71E103K0A1D	
29	C16	016-00066	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	25V	X7R	Populated	Murata	GRM155SR71E103K0A1D	
30	C5	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
31	C9	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
32	C19	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
33	C21	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
34	C22	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
35	C23	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
36	C24	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
37	C28	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
38	C29	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
39	C30	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
40	C31	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
41	C32	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
42	C36	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
43	C39	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
44	C40	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
45	C41	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
46	C42	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
47	C43	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155SR71C104K0A88D	
48	C34	016-00216	2012 (0805 EIA) SMD Capacitor	10u	-10%	-10%	16V	XS	Populated	Murata	GRM2188G1C105K0E15L	
49	C14	016-00328	1005 (0402 EIA) SMD Capacitor	2u2	-10%	-10%	16V	XS	Populated	TDK	C1005XS1C225K0508C	
50	C15	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Populated	TDK	C0603X7S1A104K0308C	
51	C20	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Populated	TDK	C0603X7S1A104K0308C	
52	C1	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
53	C6	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
54	C8	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
55	C10	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
56	C17	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
57	C25	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
58	C49	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
59	C50	016-00396	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	35V	XS	Populated	Murata	GRM18886YA106MA73D	
60	C44	016-00411	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7R	Populated	Murata	GRM155SR71A104K0A1D	
61	C13	016-00529	1608 (0603 EIA) SMD Capacitor	1u	-10%	-10%	25V	X7R	Populated	Samsung	CL10B105KA8NNNC	
62	C46	016-00529	1608 (0603 EIA) SMD Capacitor	1u	-10%	-10%	25V	X7R	Populated	Samsung	CL10B105KA8NNNC	
63	C27	016-00539	1608 (0603 EIA) SMD Capacitor	4u7	-10%	-10%	6V3	XS	Populated	Samsung	CL10A475K08NNNC	
64	C2	016-00570	1608 (0603 EIA) SMD Capacitor	10n	-10%	-10%	16V	X7R	Populated	AVX	0603YC103KAT2A	
65	C3	016-00570	1608 (0603 EIA) SMD Capacitor	10n	-10%	-10%	16V	X7R	Populated	AVX	0603YC103KAT2A	
66	C4	016-00570	1608 (0603 EIA) SMD Capacitor	10n	-10%	-10%	16V	X7R	Populated	AVX	0603YC103KAT2A	
67	C11	016-00570	1608 (0603 EIA) SMD Capacitor	10n	-10%	-10%	16V	X7R	Populated	AVX	0603YC103KAT2A	
68	C12	016-00589	1608 (0603 EIA) SMD Capacitor	100n	-10%	-10%	50V	X7R	Populated	Samsung	CL10B104KB8NNNC	
69	C47	016-00589	1608 (0603 EIA) SMD Capacitor	100n	-10%	-10%	50V	X7R	Populated	Samsung	CL10B104KB8NNNC	
70	C48	016-00589	1608 (0603 EIA) SMD Capacitor	100n	-10%	-10%	50V	X7R	Populated	Samsung	CL10B104KB8NNNC	
71	R31	022-00148	1608 (0603 EIA) SMD Resistor	1R	-1%	-1%	100mW		Populated	Yageo	RC0603FR-071RL	
72	R1	022-00190	1608 (0603 EIA) SMD Resistor	430R	-1%	-1%	100mW		Populated	Yageo	RC0603FR-07430RL	
73	R20	022-00190	1608 (0603 EIA) SMD Resistor	430R	-1%	-1%	100mW		Populated	Yageo	RC0603FR-07430RL	
74	R64	022-00190	1608 (0603 EIA) SMD Resistor	430R	-1%	-1%	100mW		Populated	Yageo	RC0603FR-07430RL	
75	R65	022-00190	1608 (0603 EIA) SMD Resistor	430R	-1%	-1%	100mW		Populated	Yageo	RC0603FR-07430RL	
76	R38	022-00455	1005 (0402 EIA) SMD Resistor	39R	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0739RL	
77	R39	022-00455	1005 (0402 EIA) SMD Resistor	39R	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0739RL	
78	R4	022-00467	1005 (0402 EIA) SMD Resistor	300R	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07300RL	
79	R12	022-00482	1005 (0402 EIA) SMD Resistor	2K4	-1%	-1%	63mW		Populated	Yageo	RC0402FR-072K4L	
80	R2	022-00487	1005 (0402 EIA) SMD Resistor	5K1	-1%	-1%	63mW		Populated	Yageo	RC0402FR-075K1L	
81	R6	022-00487	1005 (0402 EIA) SMD Resistor	5K1	-1%	-1%	63mW		Populated	Yageo	RC0402FR-075K1L	
82	R11	022-00487	1005 (0402 EIA) SMD Resistor	5K1	-1%	-1%	63mW		Populated	Yageo	RC0402FR-075K1L	
83	R37	022-00489	1005 (0402 EIA) SMD Resistor	6K8	-1%	-1%	63mW		Populated	Yageo	RC0402FR-076K8L	
84	R8	022-00493	1005 (0402 EIA) SMD Resistor	10K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0710KL	
85	R7	022-00510	1005 (0402 EIA) SMD Resistor	5K4	-1%	-1%	63mW		Populated	Yageo	RC0402FR-075K4L	
86	R15	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL	
87	R16	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL	
88	R17	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL	
89	R9	022-00523	1005 (0402 EIA) SMD Resistor	270K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07270KL	
90	R5	022-00531	1005 (0402 EIA) SMD Resistor	1M	-1%	-1%	63mW		Populated	Yageo	RC0402FR-071ML	
91	R13	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
92	R14	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
93	R18	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
94	R19	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
95	R20	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
96	R21	022-00579	1005 (0402 EIA) SMD Resistor	OR			63mW		Populated	Yageo	RC0402JR-070RL	
97												

100 R24	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
100 R27	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
101 R36	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
102 R44	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
103 R47	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
104 R51	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
105 R52	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
106 R56	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
107 R57	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
108 R59	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
109 R60	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
110 R61	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Populated	Yageo	RC0402JR-070RL	
111 R3	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
112 R30	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
113 R40	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
114 R48	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
115 R49	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
116 R50	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
117 R62	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
118 R63	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
119 R66	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Populated	Panasonic	ERA-2AE8103X
120 R10	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Populated	Vishay	CRW06030000Z02EAHP	
121 R53	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Populated	Vishay	CRW06030000Z02EAHP	
122 R54	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Populated	Vishay	CRW06030000Z02EAHP	
123 R58	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Populated	Vishay	CRW06030000Z02EAHP	
124 L1	032-00021	3030 (1212 EIA) SMD Inductor	10u	-20%	-20%	Isat=630mA	Populated	TDK	VL53010ET-100M
125 F81	034-00001	1608 (0603 EIA) SMD Ferrite Bead	220R	-25%	-25%	Isat=2A	Populated	TDK	MP21608S221ATA00
126 D1	043-00011	1608 (0603 EIA) SMD LED	BLUE		Vf=3V3	Populated	Kingbright	KPG-1608QBC-D	
127 D3	043-00011	1608 (0603 EIA) SMD LED	BLUE		Vf=3V3	Populated	Kingbright	KPG-1608QBC-D	
128 D4	043-00011	1608 (0603 EIA) SMD LED	BLUE		Vf=3V3	Populated	Kingbright	KPG-1608QBC-D	
129 D5	043-00011	1608 (0603 EIA) SMD LED	BLUE		Vf=3V3	Populated	Kingbright	KPG-1608QBC-D	
130 D2	043-00013	1608 (0603 EIA) SMD LED	RED		Vf=2V	Populated	Kingbright	KPG-1608SURKCC-T	
131 Y1	062-00005	XTAL 12MHz 12pF SM FA-238V	12M			Populated	Epson	FA-238V 12.0000MB-W3	
132 J6	071-00090	USB Type C (Top Mount) Rt-Angle Socket	105450-0101		30V 5A	Populated	Molex	TSM-102-01-L-DV	1054500101
133 J1	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
134 J2	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
135 J3	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
136 J7	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
137 J8	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
138 J11	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
139 J12	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
140 J13	072-00347	2x2 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-102-01-L-DV			Populated	Samtec	TSM-102-01-L-DV	
141 J5	072-00348	2x3 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-103-01-L-DV			Populated	Samtec	TSM-103-01-L-DV	
142 J4	072-00351	2x6 2.54mm pitch SMT PCB Pin Header VERTICAL	TSM-106-01-L-DV			Populated	Samtec	TSM-106-01-L-DV	
143 J10	073-00423	2x26 0.8mm pitch SMT Female MM60 Series Express Card Connector Right Angle	MM60-5281-E1-R650			Populated	JAE Electronics	MM60-5281-E1-R650	
144 TP1	078-00004	SMT PCB Test Terminal	SMT			Populated	Harwin	S1751-46	
145 TP2	078-00004	SMT PCB Test Terminal	SMT			Populated	Harwin	S1751-46	
146 TP3	078-00004	SMT PCB Test Terminal	SMT			Populated	Harwin	S1751-46	
147 TP6	078-00004	SMT PCB Test Terminal	SMT			Populated	Harwin	S1751-46	
148 VR4	081-00005	LP3871 3.3V 800mA Fast Ultra Low Dropout Linear Regulator	LP3871		3V3 800mA	Populated	National Semiconductor	LP3871EMP-3.3/NOPB	
149 VR1	081-00008	LP3875-ADJ 1.5A Fast Ultra Low Dropout Linear Regulators	LP3875-ADJ		1.5A	Populated	Texas Instruments	LP3875EMP-ADJ/NOPB	
150 VR3	081-00025	Low-Noise, High PSRR, RF, Low-Dropout Linear Regulator	TSP79318		1V8 200mA	Populated	Texas Instruments	TPS79318DBVR	
151 VR2	081-00032	Low Dropout Micropower Linear Regulator	LT3063		200mA	Populated	Linear Technology	LT3063HMS8EP#BF	
152 U3	083-00001	TPS3820 Voltage Monitor With Watchdog Timer	TPS3820			Populated	Texas Instruments	TPS3820-33DBVT	
153 U2	083-00002	XC61CN Series Voltage Detector SOT23	XC61CN4502		4V5	Populated	Torex	XC61CN4502MRN	
154 U4	095-00002	ARM-Based Flash MCU	SAM3U4E			Populated	Microchip	ATSAM3U4EA-CU	
155 U1	098-00089	Small, Low Power, 3-Axis +/-3 g Accelerometer	ADX1335BCP2			Populated	Analog Devices	ADX1335CP2	
156 U6	098-00090	Seven-channel Capacitive Touch Sensor IC	AT42QT1070-SSU			Populated	Microchip	AT42QT1070-SSUR	
157 U5	098-00125	3-Axis, +/-2 g/-4 g/-8 g/-16 g Digital MEMS Accelerometer	ADX1343			Populated	Analog Devices	ADX1343CCZ-RL7	
158 SP2	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
159 SP3	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
160 SP4	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
161 SP5	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
162 SP6	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
163 SP7	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
164 SP8	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
165 SP9	996-00001	SMT Shorting Point	Shorting Point			Populated			If Pop/Unpop=Populated, apply solder across terminals
166 R28	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Unpop	Yageo	RC0402JR-070RL	
167 R32	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Unpop	Yageo	RC0402JR-070RL	
168 R33	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Unpop	Yageo	RC0402JR-070RL	
169 R34	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Unpop	Yageo	RC0402JR-070RL	
170 R35	022-00579	1005 (0402 EIA) SMD Resistor	OR		63mW	Unpop	Yageo	RC0402JR-070RL	
171 R25	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
172 R26	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
173 R41	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
174 R42	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
175 R43	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
176 R45	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
177 R46	022-00722	1005 (0402 EIA) SMD Resistor	10K	-0.10%	-0.10%	63mW	Unpop	Panasonic	ERA-2AE8103X
178 R55	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Unpop	Vishay	CRW06030000Z02EAHP	
179 R67	022-00826	1608 (0603 EIA) SMD Resistor	OR		250mW	Unpop	Vishay	CRW06030000Z02EAHP	
180 F82	034-00001	1608 (0603 EIA) SMD Ferrite Bead	220R	-25%	-25%	Isat=2A	Unpop	TDK	MP21608S221ATA00
181 TP4	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
182 TP5	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
183 TP7	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
184 TP8	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
185 TP9	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
186 TP10	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
187 TP11	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
188 TP12	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
189 TP13	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
190 TP14	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
191 TP15	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
192 TP16	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
193 TP17	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
194 TP18	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
195 TP19	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
196 TP20	994-00001	Unpop 1.25mm Round SMT Test Point	SMT Pad 1.25mm			Unpop			
197 SP1	996-00001	SMT Shorting Point	Shorting Point			Unpop			If Pop/Unpop=Populated, apply solder across terminals

198 SP10 996-00001 SMT Shorting Point Shorting Point Unpop If Pop/Unpop=Populated, apply solder across terminals