

AirStream4001_F58_V2.0_Unit-BOM		DOC ID: BOM_AirStream4001_F55_MIMO_V20R0					
		Version:					
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Draft By: Feng Lin							
Verified By: Wu Xiaobin							
Approved By: Ju Ming							
NO	CODE	DESCRIPTION	QTY	REFERENCE	VENDOR1	PART NO.	VENDOR2
1	0526000191	PCB-AirStream4001_F58_MIMO_VER2.0-PCB- 159mmx35 mm-4 Layers	1				
2	0504010028	Bridge Rectifiers—DB104S-400V-1A	1	BA1	Fairchild	DF04S	Galaxy DB104S
3	0502030152	Ceramic Capacitor—10uF±20%—6.3V—X5R—0603	14	C1,C3,C10,C18,C19,C20,C30,C32,C33,C42,C45,C108,C110,C141	YAGEO	CC0603MRX5R5BB106	TDK C1608X5R0J106
4	0502030045	Ceramic Capacitor—0.1uF±10%—16V—X7R/X5R—0402	89	C2,C4,C5,C9,C14,C15,C16,C17,C23,C24,C25,C28,C29,C34,C37,C39,C40,C41,C46,C48,C49,C50,C55,C56,C57,C58,C59,C60,C61,C62,C63,C64,C65,C66,C67,C68,C73,C74,C76,C81,C84,C85,C86,C87,C88,C92,C93,C95,C96,C99,C100,C101,C102,C103,C104,C116,C122,C126,C129,C140,C148,C151,C155,C157,C161,C164,C165,C166,C177,C178,C184,C187,C189,C195,C196,C198,C199,C201,C202,C203,C205,C208,C210,C224,C234,C238,C241,C249,C250	YAGEO	CC0402KRX7R7BB104	MuRata GRM155R71C104K
5	0502030109	Ceramic Capacitor—4.7uF±10%—6.3V—X7R/X5R—0603	20	C6,C8,C11,C12,C22,C26,C27,C36,C47,C112,C113,C114,C137,C172,C173,C174,C197,C213,C283,C284	YAGEO	CC0603KRX5R5BB475	MuRata GRM188R60J475K
6	0502030112	Ceramic Capacitor—100pF±5%—50V—COG—0402	10	C7,C13,C43,C139,C206,C207,C211,C212,C282,C286	YAGEO	CC0402JRN09BB101	MuRata GRM1555C1H101J
7	0502030160	Ceramic Capacitor—22uF±20%—6.3V—X7R/X5R—0805	2	C21,C35	YAGEO	CC0805MRX5R5BB226	TDK C2012X5R0J226M
8	0502030113	Ceramic Capacitor—1.0uF±10%—10V—X7R/X5R—0402	14	C31,C38,C44,C51,C52,C53,C54,C77,C138,C215,C235,C243,C248,C258	YAGEO	CC0402KRX5R6BB105	
9	0502030114	Ceramic Capacitor—12pF±5%—50V—COG—0402	2	C69,C71	YAGEO	CC0402JRN09BB120	MuRata GRM1555C1H120J
10	0502030272	Ceramic Capacitor—10nF±10%—100V—X7R—0603	3	C72,C105,C217	YAGEO	CC0603KRX7R0BB103	
11	0502030164	Ceramic Capacitor—10uF±10%—25V—X5R—1206	2	C75,C170	YAGEO	CC1206KRX5R8BB106	TDK C3216X7R1E106KT000N1
12	0502030042	Ceramic Capacitor—0.1uF±10%—50V—X7R—0805	7	C78,C135,C142,C159,C162,C171,C214	YAGEO	CC0805KRX7R9BB104	
13	0502030217	Ceramic Capacitor—2.0pF±0.1pF—50V—COG—0402	3	C79,C98,C169	MuRata	GJM1555C1H2R0B	
14	0502030116	Ceramic Capacitor—1nF±5%—50V—COG—0402	14	C80,C89,C90,C91,C94,C97,C118,C123,C127,C128,C133,C153,C245,C246	MuRata	GRM1555C1H102J	
15	0502030148	Ceramic Capacitor—10nF±10%—50V—X7R—0402	3	C82,C117,C188	YAGEO	CC0402KRX7R9BB103	
16	0502030236	Ceramic Capacitor-2.4pF±0.25pF-25V-COG-0201	2	C106,C107	MuRata	GJM0335C1E2R4CB01D	
17	0502030182	Ceramic Capacitor—8.0pF±0.25pF—50V—COG—0402	6	C111,C131,C132,C144,C146,C149	MuRata	GJM1555C1H8R0C	
18	0502030209	Ceramic Capacitor—10pF±2%—50V—COG—0402	5	C83,C109,C115,C186,C193	MuRata	GJM1555C1H100G	
19	0502060030	Radial Alu Capacitor—120uF±20%—100V-Low ESR-6000h-DxL=12.5mmx20mm-105℃	1	C120	Taicon	HW 100V-120uF 12.5*20	

20	0502030149	Ceramic Capacitor—220pF±5%—50V—NP0—0603	1	C121	YAGEO	CC0603JRNP09BB221	
21	0502030128	Ceramic Capacitor—22uF±10%—16V—X7R/X5R—1210	3	C143,C147,C152	TDK	C3225X5R1C226K	YAGEO CC1210KKX5R7BB 226
22	0502060034	Radial Alu Capacitor—220uF±20%—25V-Low ESR-6000h-DxL=8x11.5mm-105°C	3	C154,C156,C158	Taicon	HW 25V-220uF 8*11.5	
23	0502030143	Ceramic Capacitor—2.2pF±0.25pF—50V—NPO—0603	1	C160	YAGEO	CC0603CRNP09BN2R2	
24	0502030083	Ceramic Capacitor—330pF±5%—25V/50V—COG—0603	1	C167	YAGEO	CC0603JRNP09BN331	
25	0502040001	Radial Ceramic Capacitor—1000pF±10%—2KV—C_200_2—Pitch 5mm5mm	3	C176,C221,C222	Songte	Y5P102K2KV	
26	0502030237	Ceramic Capacitor-1.1pF±0.1pF-25V-COG-0201	4	C181,C182,C183,C185	MuRata	GJM0335C1E1R1BB01D	
27	0502030238	Ceramic Capacitor-0.6pF±0.1pF-50V-COG-0402	2	C192,C194	MuRata	GJM1555C1HR60BB01D	
28	0502030132	Ceramic Capacitor—68nF±10%—16V—X7R—0402	1	C200	YAGEO	CC0402KRX7R7BB683	
29	0502010015	Tantalum chip capacitor—47uF±10%—10V—SMT—3528_B Type	2	C204,C209	Kemet	T491B476K010A	
30	0502030133	Ceramic Capacitor—4.7nF±10%—25V—X7R—0402	1	C216	YAGEO	CC0402KRX7R8BB472	
31	0502030104	Ceramic Capacitor—1uF±10%—100V—X7R/X5R—1210	2	C218,C226	TDK	C3225X7R2A105K	YAGEO CC1210KRX7R0BB 105
32	0502030102	Ceramic Capacitor—22pF±5%—100V—COG—0603	1	C227	YAGEO	CC0603JRNP00BN220	
33	0502030101	Ceramic Capacitor—82pF±5%—50V—COG—0603	2	C228,C242	YAGEO	CC0603JRNP09BN820	
34	0502030100	Ceramic Capacitor—120pF±5%—50V—COG—0603	1	C229	YAGEO	CC0603JRNP09BN121	
35	0502030105	Ceramic Capacitor—330pF±5%—100V—COG—0805	1	C230	YAGEO	CC0805JRNP00BN331	
36	0502030099	Ceramic Capacitor—100pF±5%—100V—COG—0603	3	C231,C233,C239	YAGEO	CC0603JRNP00BN101	
37	0502030037	Ceramic Capacitor—15nF±10%—100V—X7R/X5R—0805	2	C236,C237	YAGEO	CC0805KRX7R0BB153	
38	0502030135	Ceramic Capacitor—47nF±10%—16V—X7R—0402	1	C240	YAGEO	CC0402KRX7R7BB473	
39	0502030073	Ceramic Capacitor—0.1uF±10%—100V—X7R/X5R—1206	1	C244	YAGEO	CC1206KRX7R0BB104	YAGEO CC1206KKX7R0BB 104
40	0502030140	Ceramic Capacitor—2.2uF±10%—100V—X7R/X5R—1210	2	C251,C252	TDK	C3225X7R2A225K	YAGEO CC1210KRX7R0BB
41	0502030145	Ceramic Capacitor-470pF±10%-50V-X7R-0603	1	C253	YAGEO	CC0603KRX7R9BB471	
42	0502030178	Ceramic Capacitor—0.3pF±0.1pF—50V—COG—0402	1	C263	MuRata	GJM1555C1HR30B	
43	0504010030	Schottky Barrier Rectifier—B280—80V-2A-0.7V—SMB	1	D2	Diodes	B280-13-F	Galaxy B280
44	0504010012	Schottky Barrier Rectifier—B230A-30V/2A-SMA	2	D3,D4	Diodes	B230A	Galaxy B230A
45	0516010001	Chip LED—Green—0805	9	D5,D9,D10,D11,D12,D16,D17,D18,D19	BRT	BL-HGE35A-AV-TRB	
46	0504010011	Surface Mount Diode—1N4448W—75V/500mA—SOD-123	1	D8	Diodes	1N4448W	Galaxy 1N4448W
47	0505020022	Transient Voltage Suppressor—SMCJ48CA-Bidirectional-48V-1.5kW-SMC	3	D13,D14,D15	Galaxy	SMCJ48CA	
48	0504010022	Fast Rectifier—ES1C-150V/1A-SMA	1	D20	Galaxy	ES1C	
49	0505020034	TVS Array—2 Channel—3V--15KV/8KV—350W—0.8pF—SOD-323	2	ESD1,ESD2	Brightking	UDD32C03L01	Protek GBLC03CI
50	0503030010	Chip Bead-220Ω/100MHz-0.05Ω/DC-1A-0603	6	FB1,FB3,FB4,FB5,FB8,FB10	TDK	MPZ1608S221A	
51	0503030006	Chip Bead-30Ω/100MHz-0.05Ω/DC-1A-0603	3	FB6,FB7,FB9	TDK	MMZ1608R300A	MuRata BLM18PG300SN1
52	0520120036	BandPass Filter-4.9~5.95GHz-2.0x1.25mm-4PIN-LFB215G42SG8A300	2	F2,F3	MuRata	LFB215G42SG8A300	
53	0520120037	LowPass Filter-4.9~5.95GHz-1.6x0.8mm-4PIN-LFL185G42TD1A241-SMT	1	F4	MuRata	LFL185G42TD1A241	
54	0505020017	GDT(Gas Discharge Tube) Device—90V—5KA—3 Terminal—5.0*7.2mm—SMD	2	GDT1,GDT2	Brightking	BK3RL090M-5/S	

55	0505020018	GDT(Gas Discharge Tube) Device—90V—5KA—2 Terminal—6.0mm—SMD	1	GDT5	Brightking	BK2RL090M-6	
56	0505020019	GDT(Gas Discharge Tube) Device-150V—5KA—3mm—3 Terminal—SMT	1	GDT6	Brightking	BK3RL150M-5	
57	0507030027	RF Connector—MCX—50Ω-6.0x6.0mm-PCB Mount—SMT	2	J3,J4	Aliner	36-001TN-R	
58	0507020020	Pin Header—4pin—SIP—Pitch 100mil—1A	1	J5			
59	1205070015	RJ45 Connector—Single—Shielded—18.7mm*16mm*12mm—PTH	1	J6	GLGNET	5622-S-D-8C	
60	0503010070	Power Inductor-27uH±20%—2.3A—DC Resistance 51mΩ-12mm x 12mm	2	L1,L7	United	SMRH125-270M	Chilisin SCDS125-270
61	0503010059	Power Inductor-15uH±20%—2.5A—DC Resistance 41mΩ-SMT	1	L2	United	SMRH105R-150M	Chilisin SCDS105R-150
62	0503010145	Film Inductor-0.6nH±0.1nH-0.85A-DC Resistance 70mΩ-0201	2	L3,L4	Murata	LQP03TN0N6B00	
63	0503010137	Common Mode Filter-DC 0.025Ω-5A-12x10mm-SMT	1	L5	Compon	BQS121006	
64	0503010055	Power Inductor-68uH±20%—1.2A—DC Resistance 200mΩ-SMT	1	L6	United	SMRH105R-680M	Chilisin SCDS105R-680
65	0501100017	Radial Leaded PTC Device—Polymer-Based—250V/0.6A—1Ω—16x16mm—PTH	4	PT1,PT2,PT3,PT4	Brightking	BK250-600	Keter KT250-600B
66	0501100014	Radial Leaded PTC Device—Polymer-Based—250V/0.6A—0.4Ω—20x20mm—PTH	1	PT5	Brightking	BK250-800	Keter KT250-800B
67	0504050002	MOSFET—Dual N & P Channel—FDG6322C—25V/0.2A/0.4A/—SC70-6	3	Q1,Q2,Q3	FAIRCHILD	FDG6322C	
68	0504030011	Transistor—PNP—ZX5T955—140V VCEO/3A/-SOT223	1	Q5	Zetex	ZX5T955GT	
69	0501010177	Thick Film Resistor—10KΩ±1%—1/16W—0402	41	R2,R21,R23,R25,R27,R34,R35,R36,R37,R39,R40,R41,R42,R47,R49,R50,R60,R65,R75,R98,R99,R101,R103,R145,R176,R177,R179,R183,R184,R185,R191,R192,R196,R207,R222,R224,R225,R227,R228,R230,R234	YAGEO	RC0402FR-0710K	
70	0501010232	Thick Film Resistor—4.75kΩ±1%—1/16W—0402	32	R3,R9,R17,R63,R66,R71,R72,R73,R74,R76,R79,R80,R88,R90,R109,R134,R135,R136,R141,R142,R143,R146,R150,R151,R153,R155,R158,R159,R160,R181,R199,R219	YAGEO	RC0402FR-074K75	
71	0501010233	Thick Film Resistor—1KΩ±1%—1/16W—0402	20	R4,R9,R97,R10,R91,R92,R93,R94,R153,R157,R138,R139,R140,R147,R148,R149,R157,R161,R162,R167	YAGEO	RC0402FR-071K	
72	0501010234	Thick Film Resistor—33Ω±1%—1/16W—0402	12	R8,R11,R30,R31,R38,R43,R68,R95,R96,R152,R154,R156	YAGEO	RC0402FR-0733R	
73	0501010001	Thick Film Resistor—0Ω±5%—1/16W—0402	12	R12,R14,R110,R111,R112,R115,R117,R189,R193,R195,R214,R216	YAGEO	RC0402JR-070R	
74	0501010096	Thick Film Resistor—100KΩ±5%—1/10W—0603	3	R13,R213,R229	YAGEO	RC0603JR-07100K	
75	0501010285	Thick Film Resistor—127KΩ±1%—1/16W—0603	1	R15	YAGEO	RC0603FR-07127K	
76	0501010235	Thick Film Resistor—6.49kΩ±1%—1/16W—0402	1	R16	YAGEO	RC0402FR-076K49	
77	0501010407	Thick Film Resistor—510Ω±1%—1/16W—0402	2	R18,R190	YAGEO	RC0402FR-07510R	
78	0501010343	Thick Film Resistor—220Ω±1%—1/16W—0402	1	R19	YAGEO	RC0402FR-07220R	
79	0501010029	Thick Film Resistor—75Ω±1%—1/10W—0603	2	R22,R24	YAGEO	RC0603JR-0775R	
80	0501010238	Thick Film Resistor—100kΩ±1%—1/16W—0402	3	R28,R58,R59	YAGEO	RC0402FR-07100K	
81	0501010239	Thick Film Resistor—30kΩ±1%—1/16W—0402	1	R32	YAGEO	RC0402FR-0730K	
82	0501010240	Thick Film Resistor—1.5kΩ±1%—1/16W—0402	1	R33	YAGEO	RC0402FR-071K5	
83	0501010241	Thick Film Resistor—43.2Ω±1%—1/16W—0402	1	R44	YAGEO	RC0402FR-0743R2	
84	0501010185	Thick Film Resistor—100Ω±1%—1/16W—0402	5	R45,R48,R69,R208,R209	YAGEO	RC0402FR-07100R	
85	0501010242	Thick Film Resistor—280Ω±1%—1/16W—0402	4	R51,R52,R53,R55	YAGEO	RC0402FR-07280R	

86	0501010243	Thick Film Resistor—11K Ω \pm 1%—1/16W—0402	2	R54,R56	YAGEO	RC0402FR-0711K	
87	1205010117	Thick Film Resistor—40.2K Ω \pm 1%—1/16W—0603	2	R57,R171	YAGEO	RC0603FR-0740K2	
88	0501010288	Thick Film Resistor—41.2 Ω \pm 1%—1/16W—0402	1	R62	YAGEO	RC0402FR-0741R2	
89	0501010287	Thick Film Resistor—22 Ω \pm 1%—1/16W—0402	2	R67,R82	YAGEO	RC0402FR-0722R	
90	0501010289	Thick Film Resistor—4.53k Ω \pm 1%—1/16W—0402	1	R102	YAGEO	RC0402FR-074K53	
91	0501010282	Thick Film Resistor—68.1K Ω \pm 1%—1/16W—0603	1	R116	YAGEO	RC0603FR-0768K1	
92	0501010221	Thick Film Resistor—0.27 Ω \pm 1%—1/2W—1210	1	R118	YAGEO	RL1210FR-070R27	
93	0501010281	Thick Film Resistor—24.9K Ω \pm 1%—1/10W—0603	2	R119,R220	YAGEO	RC0603FR-0724K9	
94	0501010220	Thick Film Resistor—499 Ω \pm 1%—1/16W-0603	2	R120,R121	YAGEO	RC0603FR-07499R	
95	0501010042	Thick Film Resistor—180 Ω \pm 1%—1/16W—0603	1	R122	YAGEO	RC0603FR-07180R	
96	0501010222	Thick Film Resistor—390 Ω \pm 5%—1/8W—0805	1	R125	YAGEO	RC0805JR-07390R	
97	0501010219	Thick Film Resistor—715K Ω \pm 5%—1/8W—0805	1	R126	YAGEO	RC0805JR-07715K	
98	0501010218	Thick Film Resistor—18K Ω \pm 1%—1/8W—0805	1	R127	YAGEO	RC0805FR-0718K	
99	0501010130	Thick Film Resistor—470K Ω \pm 1%—1/10W—0805	2	R128,R164	YAGEO	RC0805FR-07470K	
100	0501010023	Thick Film Resistor—49.9 Ω \pm 1%—1/16W—0402	4	R129,R130,R131,R132	YAGEO	RC0402FR-0749R9	
101	0501010035	Thick Film Resistor—100 Ω \pm 5%—1/10W—0805	1	R163	YAGEO	RC0805JR-07100R	
102	0501010225	Thick Film Resistor—20 Ω \pm 1%—1/4W—1206	2	R165,R166	YAGEO	RC1206FR-0720R	
103	0501010216	Ceramic PTC Resistor—250V/110mA—20 Ω , \pm 25%, 110 $^{\circ}$ C	2	R167,R215	SP	SPMZB-10	
104	0501010176	Thick Film Resistor—1.5M Ω \pm 1%—1/4W—1206	2	R168,R169	YAGEO	RC1206FR-071M5	
105	0501010320	Thick Film Resistor—210K Ω \pm 1%—1/16W—0603	1	R170	YAGEO	RC0603FR-07210K	
106	0501010418	Thick Film Resistor—47.5K Ω \pm 1%—1/16W—0603	1	R172	YAGEO	RC0603FR-0747K5	
107	0501010066	Thick Film Resistor—3.01K Ω \pm 1%—1/16W—0603	1	R173	YAGEO	RC0603FR-073K01	
108	0501010217	Thick Film Resistor—3.3K Ω \pm 1%—1/4W—1206	2	R174,R178	YAGEO	RC1206FR-073K3	
109	0501010215	Thick Film Resistor—20 Ω \pm 1%—1/2W—1210	1	R180	YAGEO	RC1210FR-0720R	
110	0501010165	Thick Film Resistor—143K Ω \pm 1%—1/16W—0603	1	R182	YAGEO	RC0603FR-07143K	
111	0501010283	Thick Film Resistor—16K Ω \pm 1%—1/16W—0603	1	R186	YAGEO	RC0603FR-0716K	
112	0501010134	Thick Film Resistor—330 Ω \pm 5%—1/16W—0603	8	R198,R200,R202,R203,R204,R210,R211,R217	YAGEO	RC0603JR-07330R	
113	0501010012	Thick Film Resistor—15 Ω \pm 1%—1/16W—0402	1	R212	YAGEO	RC0402FR-0715R	
114	0501010100	Thick Film Resistor—200K Ω \pm 1%—1/16W—0603	3	R221,R226,R231	YAGEO	RC0603FR-07200K	
115	0501040004	Radial ZINC OXIDE VARISTOR—1KA—V1ma 68V— \pm 10%—16x12mm—PTH	1	VR1	Brightking	BK680KD10J	BK680KD14
116	0313020031	RF Shield Cover-41.61mm * 41.69mm*1.8 mm-Stainless Material	1	SC1			
117	0313020049	RF Shield Base41.11mm * 41.19mm*4.0 mm-Stainless Material	1				
118	0520100007	RF Balun—4.8-5.9G-50 Ω Unbalanced Port-50 Ω Balanced Port—1mmx1mm	2	T1,T2	Anaren	BD4859N5050AHF	
119	0511050014	LAN Transformer—10/100 Base-T—1:1-POE-Single-40~85 $^{\circ}$ C-SMDTR_16_500X370	1	T3	Pulse	HX2019NL	MNOVA MS0777
120	0525040009	Ethernet PHY-KSZ8041NL-PHY-10M/100M-3.3V—-40~85 $^{\circ}$ C—MLF32	1	U1	MICREL	KSZ8041NLI	
121	0518040006	WiMax Processor—SQN1130—ARM9—Baseband—3.3V/1.2V—VFPGA256	1	U2	SEQUANS	SQN1130	
122	0525070030	Linear Regulator—SPX1117M—Adjustable/1.5A—-40~85 $^{\circ}$ C—TO263	1	U3	Sipex	SPX1117T-L/TR	
123	0525070022	Linear Regulator-LDO-MIC5319—2.5~5.5V Input—0.5A Adjustable Output-MLF6	2	U4,U16	MICREL	MIC5319YML	

124	0525070035	Linear Regulator-LDO-XC6210B-1.2V/0.7A-SOT89-5	1	U5	TOREX	XC6210B122PR	
125	0525010006	Power Supervisory-809-2.93V-SOT-23	1	U6	SG	SGM809-SXN3	
126	0509030008	MobileSDRAM-16M x16bit-1.8V-133MHz--40-85°C-VFBGA54	1	U7	Micron	MT48H16M16LFBF-75IT	
127	0509050008	Flash Memory-M25P128-SPI-128Mbit-3.3V-SOP16	1	U8	Numonyx	M25P128-VMF6TP	Mircon M25P128-VMF6TPB
128	0525070034	Step-Down Converter-MP4560-2MHz-4.5V-55V Input-2A Adjustable Output-SOP8E	3	U9,U10,U31	MPS	MP4560DN	
129	0524040014	Logic Gate-Single Non-Inverting Buffer-74LVC1G125-3.3V-SOT353	2	U11,U22	Fairchild	NC7SZ125P5X	NXP 74LVC1G125GW
130	0513030024	Oscillator-4Pin TCXO-40MHz-2.5ppm-10pF-2.8V-3.2x2.5mm-SMD	1	U12	KDS	DSB321SDA(1XTW4000 0CCA)	
131	0520080005	WiMax RF Transceiver-PM8851-1TX/2RX-2.5G/3.5G/5G	1	U13	PMC-Sierra	PM8851A/B-WGI	
132	0520070025	Low Noise Amplifier(LNA)-SKY65404-Gain 13dB-4.9-5.9GHZ-2.8V/5V-QFN8_2X2	2	U14,U15	Skyworks	SKY65404-31	
133	0525010012	SPDT WiMax Switch-0-6GHz-Insertion Loss 0.5dB-Isolation 25dB-1.5x1.5mm-TSON6	2	U17,U32	RENESAS	uPG2176T5N	
134	0525070053	Linear Regulator-LDO-XC6221B-3.0V/0.2A-SOT23-5	1	U18	TOREX	XC6221A/B302MR	
135	0524040017	Logic Gate-Dual Buffer-NC7WZ16P-1.65V to 5.5V-SC70	1	U19	Fairchild	NC7WZ16P6X	
136	0524040020	Logic Gate-Dual Inverter-NC7WZ04P-1.65V to 5.5V-SOT363	1	U33	Fairchild	NC7WZ04P6X	NXP 74LVC2G04GW
137	0520070026	Linear Power Amplifier-SE5004L-5.15GHz to 5.85GHz-26dBm-4x4mm-QFN20	1	U21	Skyworks	SE5004L-R	
138	0524040018	Logic Gate-Single AND Gate-74LVC1G08-1.65V to 5.5V-SOT353	2	U23,U28	Fairchild	NC7SZ08P5X	NXP 74LVC1G08GW
139	0518030004	DSP-PEB33321-1 Channel-DSP/CODEC/SLIC-LBGA144	1	U24	Infineon	PEB33321	
140	0524040013	Counter-8bit-Latchup Output-74HC590-3.3V-SO16	1	U25	Phillip/NXP	74HC590D	
141	1205050022	THYRISTORS OVERVOLTAGE PROTECTORS-TISP61089BD-150V-Dual-SO8	1	U26	Bourns	TISP61089(B)DR	Brightking P61089B
142	0524040019	Line Drivers-Octal non-inverting buffer-74LVC541A-3.3V-TSSOP20	1	U29	NXP	74LVC541APW	Fairchild 74LCX541MTC
143	0525070025	Linear Regulator-LDO-XC6221B-1.5V/200mA-SOT23-5	1	U30	TOREX	XC6221B152MR	
144	0506020003	Photocoupler-TLP185-Transistor Output-1Channel-80V-SOP4_100	1	U34	TOSHIBA	TLP185(GB)	
145	0513030027	Oscillator-4Pin-2.0480MHz-50PPM-3.3V-15PF--40-85°C-5x3.2mm-SMD	1	X1	Pericom	FD0200014	