

NO	CODE	DESCRIPTION	QTY	REFERENCE
1	0526000191	PCB-AirStream4001_F58_MIMO_VER2.0-PCB-159mmx35 mm-4 Layers	1	
2	0504010028	Bridge Rectifiers-DB104S-400V-1A	1	BA1
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
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
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
6	0502030112	Ceramic Capacitor-100pF±5%-50V-COG-0402	10	C7,C13,C43,C139,C206,C207,C211,C212,C282,C286
7	0502030160	Ceramic Capacitor-22uF±20%-6.3V-X7R/X5R-0805	2	C21,C35
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
9	0502030114	Ceramic Capacitor-12pF±5%-50V-COG-0402	2	C69,C71
10	0502030164	Ceramic Capacitor-10uF±10%-25V-X5R-1206	2	C75,C170
11	0502030042	Ceramic Capacitor-0.1uF±10%-50V-X7R-0805	7	C78,C135,C142,C159,C162,C171,C214
12	0502030217	Ceramic Capacitor-2.0pF±0.1pF-50V-COG-0402	3	C79,C98,C169
13	0502030116	Ceramic Capacitor-1nF±5%-50V-COG-0402	14	C80,C89,C90,C91,C94,C97,C118,C123,C127,C128,C133,C153,C245,C246
14	0502030148	Ceramic Capacitor-10nF±10%-50V-X7R-0402	3	C82,C117,C188
15	0502030236	Ceramic Capacitor-2.4pF±0.25pF-25V-COG-0201	2	C106,C107
16	0502030182	Ceramic Capacitor-8.0pF±0.25pF-50V-COG-0402	6	C111,C131,C132,C144,C146,C149
17	0502030209	Ceramic Capacitor-10pF±2%-50V-COG-0402	5	C83,C109,C115,C186,C193
18	0502060030	Radial Alu Capacitor-120uF±20%-100V-Low ESR-6000h-DxL=12.5mmx20mm-105°C	1	C120
19	0502030149	Ceramic Capacitor-220pF±5%-50V-NP0-0603	1	C121
20	0502030128	Ceramic Capacitor-22uF±10%-16V-X7R/X5R-1210	3	C143,C147,C152
21	0502060034	Radial Alu Capacitor-220uF±20%-25V-Low ESR-6000h-DxL=8x11.5mm-105°C	3	C154,C156,C158
22	0502030143	Ceramic Capacitor-2.2pF±0.25pF-50V-NP0-0603	1	C160
23	0502030083	Ceramic Capacitor-330pF±5%-25V/50V-COG-0603	1	C167
24	0502040001	Radial Ceramic Capacitor-1000pF±10%-2KV-Pitch 5mm-SMD	1	C176
25	0502030237	Ceramic Capacitor-1.1pF±0.1pF-25V-COG-0201	4	C181,C182,C183,C185
26	0502030238	Ceramic Capacitor-0.6pF±0.1pF-50V-COG-0402	2	C192,C194
27	0502030132	Ceramic Capacitor-68nF±10%-16V-X7R-0402	1	C200
28	0502010015	Tantalum Capacitor-47uF±10%-10V-SMT-3528 B	2	C204,C209
29	0502030133	Ceramic Capacitor-4.7nF±10%-25V-X7R-0402	1	C216
30	0502030134	Ceramic Capacitor-10nF±10%-50V-X7R-0603	1	C217
31	0502030104	Ceramic Capacitor-1uF±10%-100V-X7R/X5R-1210	2	C218,C226
32	0502030102	Ceramic Capacitor-22pF±5%-100V-COG-0603	1	C227
33	0502030101	Ceramic Capacitor-82pF±5%-50V-COG-0603	2	C228,C242
34	0502030100	Ceramic Capacitor-120pF±5%-50V-COG-0603	1	C229
35	0502030105	Ceramic Capacitor-330pF±5%-100V-COG-0805	1	C230
36	0502030099	Ceramic Capacitor-100pF±5%-100V-COG-0603	3	C231,C233,C239
37	0502030037	Ceramic Capacitor-15nF±10%-100V-X7R/X5R-0805	2	C236,C237
38	0502030135	Ceramic Capacitor-47nF±10%-16V-X7R-0402	1	C240

39	0502030073	Ceramic Capacitor—0.1uF±10%—100V—X7R/X5R—1206	1	C244
40	0502030140	Ceramic Capacitor—2.2uF±10%—100V—X7R/X5R—1210	2	C251,C252
41	0502030145	Ceramic Capacitor—470pF±10%—50V—X7R—0603	1	C253
42	0502030178	Ceramic Capacitor—0.3pF±0.1pF—50V—COG—0402	1	C263
43	0504010030	Schottky Barrier Rectifier—B280—80V-2A-0.7V—SMB	1	D2
44	0504010012	Schottky Barrier Rectifier—B230A-30V/2A-SMA	2	D3,D4
45	0516010001	Chip LED—Green—SMD0805	9	D5,D9,D10,D11,D12,D16,D17,D18,D19
46	0504010011	Surface Mount Diode—1N4448W—75V/500mA—SOD-123	1	D8
47	0505020022	Transient Voltage Suppressors—SMCJ48CA-Bidirection-48V-1.5KW-SMC	3	D13,D14,D15
48	0504010022	Fast Rectifiers—ES1C-150V/1A-SMA	1	D20
49	0505020026	TVS Diode Array—1 channel—15KV/8KV—350W—0.8pF—SOD-323	2	ESD1,ESD2
50	0503030010	Chip Bead-220Ω/100MHz-0.05Ω/DC-1A-0603	6	FB1,FB3,FB4,FB5,FB8,FB10
51	0503030006	Chip Bead-30Ω/100MHz-0.05Ω/DC-1A-0603	3	FB6,FB7,FB9
52	0520120036	Band Pass Filter-4.9~5.95GHz-2.0x1.25mm-4PIN-LFB215G42SG8A300	2	F2,F3
53	0520120037	Low Pass Filter-4.9~5.95GHz-1.6x0.8mm-4PIN-LFL185G42TD1A241-SMT	1	F4
54	0505020017	GDT(Gas Discharge Tube) Device—90V—5KA—3 Terminal—5.0*7.2mm—SMD	2	GDT1,GDT2
55	0505020018	GDT(Gas Discharge Tube) Device -90V—5KA-6mm-2 Terminal-SMT	1	GDT5
56	0505020019	GDT(Gas Discharge Tube) Device-150V—5KA-3 Terminal—5.0*7.2mm—SMD	1	GDT6
57	0507030027	RF Connector—MCX—50Ω-6.0x6.0mm-PCB Mount—SMT	2	J3,J4
58	0507020020	Single row 4pin connector 100mil/1A	1	J5
59	1205070015	RJ45 Connector—Single—Shielded—18.7mm*16mm*12mm—PTH	1	J6
60	0503010070	Power Inductor-27uH±20%—2.3A—DC Resistance51mΩ-12mm x 12mm	2	L1,L7
61	0503010059	Power Inductor-15uH±20%—2.5A—DC Resistance41mΩ-SMT	1	L2
62	0503010145	Chip Inductor-0.6nH±0.1nH-0.85A-DC Resistance70mΩ-0201	2	L3,L4
63	0503010137	Common Mode Chokes-DC Resistance0.025Ω-5A-12x10mm-SMT	1	L5
64	0503010055	Power Inductor-68uH±20%—1.2A—DC Resistance200mΩ-SMT	1	L6
65	0501100017	Radial Leded PTC Device—Polymer-Based—250V/0.6A—1Ω—16x16mm—PTH	4	PT1,PT2,PT3,PT4
66	0501100014	Radial Leded PTC Device—Polymer-Based—250V/0.6A—0.4Ω—20x20mm—PTH	1	PT5
67	0504050002	MOSFET—Dual N & P Channel—FDG6322C—25V/0.2A/0.4A/—SC70-6	3	Q1,Q2,Q3
68	0504030011	Power Transistor—PNP—ZX5T955—140V VCEO/3A/-SOT223	1	Q5
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
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
71	0501010233	Thick Film Resistor—1KΩ±1%—1/16W—0402	20	R4,R6,R7,R10,R91,R92,R93,R94,R133,R137,R138,R139,R140,R147,R148,R149,R157,R161,R162,R197

72	0501010234	Thick Film Resistor—33Ω±1%—1/16W—0402	12	R8,R11,R30,R31,R38,R43,R68,R95,R96,R152,R154,R156
73	0501010001	Thick Film Resistor—0Ω±5%—1/16W—0402	12	R12,R14,R110,R111,R112,R115,R117,R189,R193,R195,R214,R216
74	0501010096	Thick Film Resistor—100KΩ±5%—1/10W—0603	3	R13,R213,R229
75	0501010285	Thick Film Resistor—127KΩ±1%—1/16W—0603	1	R15
76	0501010235	Thick Film Resistor—6.49kΩ±1%—1/16W—0402	1	R16
77	0501010407	Thick Film Resistor—510Ω±1%—1/16W—0402	2	R18,R190
78	0501010343	Thick Film Resistor—220Ω±1%—1/16W—0402	1	R19
79	0501010238	Thick Film Resistor—100kΩ±1%—1/16W—0402	3	R28,R58,R59
80	0501010239	Thick Film Resistor—30kΩ±1%—1/16W—0402	1	R32
81	0501010240	Thick Film Resistor—1.5kΩ±1%—1/16W—0402	1	R33
82	0501010241	Thick Film Resistor—43.2Ω±1%—1/16W—0402	1	R44
83	0501010185	Thick Film Resistor—100Ω±1%—1/16W—0402	5	R45,R48,R69,R208,R209
84	0501010242	Thick Film Resistor—280Ω±1%—1/16W—0402	4	R51,R52,R53,R55
85	0501010243	Thick Film Resistor—11KΩ±1%—1/16W—0402	2	R54,R56
86	1205010117	Thick Film Resistor—40.2KΩ±1%—1/16W—0603	2	R57,R171
87	0501010288	Thick Film Resistor—41.2Ω±1%—1/16W—0402	1	R62
88	0501010287	Thick Film Resistor—22Ω±1%—1/16W—0402	2	R67,R82
89	0501010289	Thick Film Resistor—4.53kΩ±1%—1/16W—0402	1	R102
90	0501010282	Thick Film Resistor—68.1KΩ±1%—1/16W—0603	1	R116
91	0501010221	Thick Film Resistor—0.27Ω±1%—1/2W—1210	1	R118
92	0501010281	Thick Film Resistor—24.9KΩ±1%—1/10W—0603	2	R119,R220
93	0501010220	Thick Film Resistor—499Ω±1%—1/16W—0603	2	R120,R121
94	0501010042	Thick Film Resistor—180Ω±1%—1/16W—0603	1	R122
95	0501010222	Thick Film Resistor—390Ω±5%—1/8W—0805	1	R125
96	0501010219	Thick Film Resistor—715KΩ±5%—1/8W—0805	1	R126
97	0501010218	Thick Film Resistor—18KΩ±1%—1/8W—0805	1	R127
98	0501010130	Thick Film Resistor—470KΩ±1%—1/10W—0805	2	R128,R164
99	0501010023	Thick Film Resistor—49.9Ω±1%—1/16W—0402	4	R129,R130,R131,R132
100	0501010035	Thick Film Resistor—100Ω±5%—1/10W—0805	1	R163
101	0501010225	Thick Film Resistor—20Ω±1%—1/4W—1206	2	R165,R166
102	0501010216	Radial PTC—Ceramic—250V/110mA—20Ω, ±25%, 110°C	2	R167,R215
103	0501010176	Thick Film Resistor—1.5MΩ±1%—1/4W—1206	2	R168,R169
104	0501010320	Thick Film Resistor—210KΩ±1%—1/16W—0603	1	R170
105	0501010418	Thick Film Resistor—47.5KΩ±1%—1/16W—0603	1	R172
106	0501010066	Thick Film Resistor—3.01KΩ±1%—1/16W—0603	1	R173
107	0501010217	Thick Film Resistor—3.3KΩ±1%—1/4W—1206	2	R174,R178
108	0501010215	Thick Film Resistor—20Ω±1%—1/2W—1210	1	R180
109	0501010165	Thick Film Resistor—143KΩ±1%—1/16W—0603	1	R182
110	0501010283	Thick Film Resistor—16KΩ±1%—1/16W—0603	1	R186
111	0501010134	Thick Film Resistor—330Ω±5%—1/16W—0603	8	R198,R200,R202,R203,R204,R210,R211,R217
112	0501010012	Thick Film Resistor—15Ω±1%—1/16W—0402	1	R212
113	0501010100	Thick Film Resistor—200KΩ±1%—1/16W—0603	3	R221,R226,R231
114	0501040004	Radial ZINC OXIDE VARISTOR—1KA—V1ma 68V—±10%—16x12mm—PTH	1	VR1
115	0313020031	RF Shield Cover—41.61mm * 41.69mm*1.8 mm—Stainless Material	1	SC1
116	0313020049	RF Shield Base—41.11mm * 41.19mm*4.0 mm—Stainless Material	1	
117	0520100007	RF Balun—4.8-5.9G-50Ω Unbalanced-50Ω Balanced-1.04x1.04mm-BD4859N5050AHF	2	T1,T2
118	0511050014	LAN Transformer—10/100 base-T -POE—1:1, Single—-40~85°C-SMDTR_16_500X370	1	T3
119	0525040009	Ethernet PHY—KSZ8041NL-PHY-10M/100M-3.3V—-40~85°C—MLF32	1	U1
120	0518040006	WiMax Processor—SQN1130—ARM9—Baseband—3.3V/1.2V—VFPGA256	1	U2
121	0525070030	Linear Regulator—SPX1117M—Adjustable/1.5A—-40~85°C—TO263	1	U3

122	0525070022	Linear Regulator-LDO-MIC5319-2.5~5.5V Input-0.5A Adjustable Output-MLF6	2	U4,U16
123	0525070035	Linear Regulator-LDO-XC6210B-1.2V/0.7A-SOT189-5	1	U5
124	0525010006	Power Supervisory-809-2.93V-SOT-23	1	U6
125	0509030008	MobileSDRAM-16M x16bit-1.8V-133MHz-VFBGA54	1	U7
126	0509050008	Flash Memory-M25P128-SPI-128Mbit-3.3V-SOP16	1	U8
127	0525070034	Step-Down Converter-MP4560-2MHz-4.5V~55V Input-2A Adjustable Output-SOP8E	3	U9,U10,U31
128	0524040014	Logic Gate-Single Non-Inverting Buffer-74LVC1G125-3.3V-SOT353	2	U11,U22
129	0513030024	Oscillator-4Pin TCXO-40MHz-3.2x2.5mm-2.0ppm-10PF-2.8V--40~85°C-SMD	1	U12
130	0520080005	WiMax RF Transceiver-PM8851-1TX/2RX-2.5G/3.5G/5G	1	U13
131	0520070025	Linear Power Amplifier(LNA)-SKY65404-Gain 13dB-4.9-5.9GHZ-2.8V/5V-QFN8_2X2	2	U14,U15
132	0525010012	SPDT WiMax Switch-0~6GHz-Insertion Loss 0.5dB-Isolation 25dB-1.5x1.5mm-TSON6	2	U17,U32
133	0525070053	Linear Regulator-LDO-XC6221B-3.0V/0.2A-SOT23-5	1	U18
134	0524040017	Logic Gate-Dual Buffer-NC7WZ16P-1.65V to 5.5V-SC70	1	U19
135	0524040020	Logic Gate-Dual Invert-NC7WZ04P-1.65V to 5.5V-SOT363	1	U33
136	0520070026	Linear Power Amplifier-SE5004L-5.15GHz to 5.85GHz-26dBm-4x4mm-QFN20	1	U21
137	0524040018	Logic Gate-Single AND Gate-74LVC1G08-1.65V to 5.5V-SOT353	2	U23,U28
138	0518030004	DSP-PEB33321-1 Channel-DSP/CODEC/SLIC-LBGA144	1	U24
139	0524040013	Logic Device-8bit Counter-Latch Output-74HC590-3.3V-SO16	1	U25
140	1205050022	SLIC Protector-P-gate thyristor-TISP61089BD-150V-2 Channel-SO8	1	U26
141	0524040019	Line Driversr-Octal non-inverting buffer-74LVC541A-3.3V-TSSOP20	1	U29
142	0525070025	Linear Regulator-LDO-XC6221B-1.5V/200mA-SOT23-5	1	U30
143	0506020003	Photocoupler - TLP185 -1Channel-DC80V- SOP4_100	1	U34
144	0513030027	Oscillator-2.0480MHz-50PPM-3.3V-15PF--40~85°C-5x3.2mm-SMD	1	X1
145	0513010006	Crystal-2Pin-32.768KHz-20ppm-12.5pF-3.2x1.5mm-SMD	1	Y1