

1	CHIP R 1005 0 ± 5% 1/16W	R543, R239, R291, R109, R144
2	CHIP R 1608 0 ± 5% 1/16W	R8, R13, R18, R22, R120, R142, R227, R401, R415, R125, R112, R405
3	CHIP R 3216 0.39	R127, R128, R129
4	CHIP R 1005 10 ± 5% 1/16W	R610
5	CHIP R 1608 10 ± 5% 1/16W	R20, R204, R206
6	CHIP R 1005 22 ± 5% 1/16W	R27, R47, R231
7	CHIP R 1005 47 ± 5% 1/16W	R233
8	CHIP R 1608 82 ± 5% 1/16W	R123
9	CHIP R 1608 100 ± 5% 1/16W	R7, R17, R215, R342, R345, R402, R337
10	CHIP R 1005 100 ± 5% 1/16W	R37, R40, R43, R102
11	CHIP R 1005 150 ± 5% 1/16W	R39, R38
12	CHIP R 1608 150 ± 5% 1/16W	R222,
13	CHIP R 1608 220 ± 5% 1/16W	R15,
14	CHIP R 1608 270 ± 5% 1/16W	R136, R137
15	CHIP R 1005 330 ± 5% 1/16W	R110, R219,
16	CHIP R 1608 330 ± 5% 1/16W	R48, R110, R105, R218,
17	CHIP R 1608 470 ± 5% 1/16W	R340
18	CHIP R 1005 560 ± 5% 1/16W	R613,
19	CHIP R 1608 560 ± 5% 1/16W	R16, R121,
20	CHIP R 1608 680 ± 5% 1/16W	R21
21	CHIP R 1608 1K ± 5% 1/16W	R336, R344, R414, R220
22	CHIP R 1005 1K ± 5% 1/16W	R32, R221, R509, R510, R511, R512, R513, R611, R9, R10, R11, R540,
23	CHIP R 1005 1K2 ± 5% 1/16W	R508, R526
24	CHIP R 1608 1K5 ± 5% 1/16W	R19, R116,
25	CHIP R 1608 1K8 ± 5% 1/16W	R339
26	CHIP R 1005 2K ± 5% 1/16W	R200, R201, R541,
27	CHIP R 1608 2K2 ± 5% 1/16W	R126, R335, R213
28	CHIP R 1005 2K2 ± 5% 1/16W	R12, R413, R49,
29	CHIP R 1608 2K7 ± 5% 1/16W	R209, R52
30	CHIP R 1608 3K3 ± 5% 1/16W	R210,
31	CHIP R 1005 3K9 ± 5% 1/16W	R505,
32	CHIP R 1005 4K7 ± 5% 1/16W	R34, R42, R601, R602, R603, R217, R500, R501, R502, R503, R50, R101
33	CHIP R 1608 4K7 ± 5% 1/16W	R207
34	CHIP R 1608 5K6 ± 5% 1/16W	R28,
35	CHIP R 1005 6K8 ± 5% 1/16W	R504,
36	CHIP R 1005 8K2 ± 5% 1/16W	R538

37	CHIP R 1608 10K \pm 5% 1/16W	R23,R341,
38	CHIP R 1005 10K \pm 5% 1/16W	R2,R26,R419,R520,R527,R544,R607,R608,R521,R506,R46,R103,R608
39	CHIP R 1608 15K \pm 5% 1/16W	R124
40	CHIP R 1005 22K \pm 5% 1/16W	R1,R25,R535,R522,R550,R104
41	CHIP R 1608 22K \pm 5% 1/16W	R528,R29
42	MVR22HXBRN223	VR2,VR3
43	CHIP R 1005 27K \pm 5% 1/16W	R300,R507,
44	CHIP R 1005 33K \pm 5% 1/16W	R3
45	CHIP R 1608 33K \pm 5% 1/16W	R349,
46	CHIP R 1005 39K \pm 5% 1/16W	R422,R423
47	CHIP R 1005 47K \pm 5% 1/16W	R406,R417,R418,R421,R514,R515,R529,R539,R545,R108,
48	CHIP R 1608 47K \pm 5% 1/16W	R122,R139,R301,R334,R350,R409,R410,R411,R412,R400,R114,R117
49	CHIP R 1005 56K \pm 5% 1/16W	R4,
50	CHIP R 1608 56K \pm 5% 1/16W	R140,R348
51	CHIP R 1005 68K \pm 5% 1/16W	R523,R516,R30
52	CHIP R 1005 82K \pm 5% 1/16W	R524
53	CHIP R 1608 82K \pm 5% 1/16W	R208,R223,R224,R225,R226
54	CHIP R 1005 100K \pm 5% 1/16W	R31,R420,R517,R542,R609,R552,R238,R234,
55	CHIP R 1608 100K \pm 5% 1/16W	R5,R141,R143,R347,R343,
56	THERMISTOR 1608 100K \pm 5% 1/16W	TH203
57	CHIP R 1005 120K \pm 5% 1/16W	R6,R549
58	CHIP R 1608 120K \pm 5% 1/16W	R216
59	CHIP R 1608 150K \pm 5% 1/16W	R130,R131,R132,R133,R134,R135,R212
60	CHIP R 1005 150K \pm 5% 1/16W	R33,R41,R612,R536,R554,
61	CHIP R 1005 180K \pm 5% 1/16W	R237,R232,
62	CHIP R 1608 180K \pm 5% 1/16W	R203,
63	CHIP R 1005 220K \pm 5% 1/16W	R518,R519,R533,R548,R546,R530
64	CHIP R 1005 270K \pm 5% 1/16W	R35,R36,
65	CHIP R 1608 330K \pm 5% 1/16W	R14,R416,R407
66	CHIP R 1005 390K \pm 5% 1/16W	R531,
67	CHIP R 1005 470K \pm 5% 1/16W	R403,R404,R525
68	CHIP R 1005 560K \pm 5% 1/16W	R532
69	CHIP R 1005 680K \pm 5% 1/16W	R537
70	CHIP R 1005 1M \pm 5% 1/16W	R228,R229,R241,R242,R230
71	CHIP R 1608 1M \pm 5% 1/16W	R138,
72	CHIP C 1005 0.5P \pm 0.1P 50V COG	C73,C74

73	CHIP C 1005 0.75P ±0.1P 50V COG	C59,C60
74	CHIP C 1608 1.5P ±0.1P 50V COG	C159
75	CHIP C 1005 1P5 ±0.1P 50V COG	C57
76	CHIP C 1005 2P ±0.1P 50V COG	C62,C264,C250,
77	CHIP C 1608 2P ±0.1P 50V COG	C25,C154,C153,C239,
78	CHIP C 1005 2P5 ±0.1P 50V COG	C271,C240,C150,C253,
79	CHIP C 1005 3P ±0.1P 50V COG	C40,C267,C268,C257,C246,C203
80	CHIP C 1608 3P ±0.1P 50V COG	C415,C417,C156,C233,C237,
81	CHIP C 1005 4P ±0.1P 50V COG	C255,C61,C65,C66,
82	CHIP C 1005 4P5 ±0.1P 50V COG	C247,C152
83	CHIP C 1608 4P ±0.1P 50V COG	C149,C440,
84	CHIP C 1608 4P5 ±0.1P 50V COG	C244
85	CHIP C 1005 5P ±0.1P 50V COG	C67,C38,C42,C64
86	CHIP C 1608 5P ±0.25P 50V COG	C155,C157,C414,C416,C130,C131
87	CHIP C 1608 6P ±0.25P 50V COG	C230,C235,
88	CHIP C 1005 6P ±0.25P 50V COG	C106,C160,
89	CHIP C 1005 7P ±0.25P 50V COG	C54,C58,
90	CHIP C 1608 7P ±0.25P 50V COG	C108
91	CHIP C 1608 8P ±0.25P 50V COG	C238
92	CHIP C 1608 10P ±2% 50V COG	C9,C15,C129,
93	CHIP C 1005 10P ±2% 50V COG	C50,C228,C43,C87,C52
94	SERAMIC TRIMMER CAP 3~10P+100%/-0% NPO ±300PPm/	TC1,TC2
95	CHIP C 1608 11P ±2% 50V COG	C112,
96	CHIP C 1005 11P ±2% 50V COG	C55
97	CHIP C 1005 12P ±2% 50V COG	C104,
98	CHIP C 1005 15P ±5% 50V COG	C81
99	CHIP C 1608 15P ±5% 50V COG	C144,C35,
100	CHIP C 1608 16P ±5% 50V COG	C26
101	CHIP C 1608 18P ±5% 50V COG	C18,
102	CHIP C 1005 22P ±5% 50V COG	C522,C269,C265,C254,C248,C261
103	CHIP C 1608 22P ±5% 50V COG	C116,C170
104	CHIP C 1608 24P ±5% 50V COG	C119
105	CHIP C 1608 27P ±5% 50V COG	C536,C537
106	CHIP C 1608 33P ±5% 50V COG	C219,
107	CHIP C 1005 33P ±5% 50V COG	C78,C508,
108	CHIP C 1005 47P ±5% 50V COG	C17,C300,C304
109	CHIP C 1608 82P ±5% 50V COG	C214
110	CHIP C 1608 100P ±5% 50V COG	C7,C8,C11,C118,C135,C140,C338,C703,C151,C322,C323

111	CHIP C 1005 100P ±5% 50V C0G	C36, C47, C49, C123, C308, C510
112	CHIP C 1005 120P ±5% 50V C0G	C514
113	CHIP C 1005 220P ±5% 50V C0G	C509
114	CHIP C 1608 220P ±5% 50V C0G	C335, C344, C610
115	CHIP C 1005 270P ±5% 50V C0G	C544
116	CHIP C 1005 330P ±5% 50V C0G	C523
117	CHIP C 1608 470P ±5% 50V C0G	C208, C210, C245, C701, C110, C115, C113, C114, C124, C147, C143, C122
118	CHIP C 1005 470P ±5% 50V C0G	C29, C30, C44, C48, C68, C69, C70, C77, C80, C348, C402, C518, C525, C542, C79, C532, C227, C101, C107, C111, C266, C258, C259, C249, C177, C263, C256, C89, C434, C435, C436, C437,
119	CHIP C 1608 1000P ±10% 50V X7R	C12, C16, C24, C33, C51, C83, C85, C121, C125, C128, C132, C138, C146, C148, C204, C206, C215, C220, C236, C241, C243, C252, C280, C281, C342, C346, C404, C405, C539, C702, C319, C321, C280
120	CHIP C 1005 1000P ±10% 50V X7R	C5, C10, C34, C75, C76, C90, C91, C92, C222, C307, C311, C312, C314, C315, C400, C409, C413, C421, C422, C426, C538, C603, C607, C608, C418, C526, C531, C425, C309, C84, C86, C102, C262, C260, C251, C209, C427, C424, C306
121	CHIP C 1005 1n8 ±10% 50V X7R	C513
122	CHIP C 1005 3n3 ±10% 50V X7R	C1, C39
123	CHIP C 1608 4n7 ±10% 50V X7R	C535,
124	CHIP C 1005 4n7 ±10% 50V X7R	C419, C606
125	CHIP C 1005 5n6 ±10% 50V X7R	C501
126	CHIP C 1608 5n6 ±10% 50V X7R	C207
127	CHIP C 1005 6n8 ±10% 50V X7R	C2, C41
128	CHIP C 1005 10nF ±10% 50V X7R	C231, C500, C502, C503, C504, C506, C529,
129	CHIP C 1608 10nF ±10% 50V X7R	C4, C14, C22, C103, C133, C137, C211, C225, C232, C234, C511, C224
130	CHIP C 1608 47nF ±10% 50V X7R	C341, C343,
131	CHIP C 1608 0.1U ±10% 50V X7R	C6, C13, C19, C109, C134, C216, C217, C218, C221, C242, C334, C340, C345
132	CHIP C 1005 0.1U ±10% 50V X7R	C213, C401, C420, C423, C507, C512, C517, C520, C534, C541, C605, C545, C530, C524, C609
133	CHIP C 1608 0.22U ±10% 50V X7R	C201
134	CHIP C 1005 470nF ±10% 50V X7R	C515
135	CHIP C 1608 470nF ±10% 50V X7R	C336, C410

136	CHIP C 1608 1U ±10% 50V X7R	C23,C200,C202,C403,C406,C408,C411,C412,C302,C320
137	CHIP C 1005 1U ±10% 50V X7R	C20,C46,C272,C407,C516,C519,C521,C527,C528,C604,C543,C72,C88,C63,C71,C82,C83,C428,C429,C430,C431,C432,C433,C313,
138	CHIP-TAN A# 0.1u\35V	EC32
139	CHIP-TAN A# 0.33u\35V	EC22
140	CHIP-TAN A# 3.3u\16V	EC27
141	CHIP-TAN P# 10u\6.3V	EC3,EC10,EC21,EC43,EC78,EC79,EC203,EC207,EC251,EC329,EC339,EC342,EC505,EC510,EC538,EC540,EC541,EC543,EC545,EC600,EC607,EC501,EC500,EC2
142	CHIP-TAN A# 10u\16V	EC346,EC126,EC422
143	CHIP-TAN E# 100u\16V	EC1, EC131, EC344, EC345
144	AIR-CORE COIL 0.3*1.0*4TR	L116
145	AIR-CORE COIL 0.4*1.3*3TR	L117,L118,
146	AIR-CORE COIL 0.4*1.3*4TL	L119
147	FSLM2520-R82K 0.82UH ±10%	L204
148	SMALL FIXED INDUCTOR 0603 MLF1608A1R0KT	L201
149	SMALL FIXED INDUCTOR 0603 MLF1608A3R3KT	L20, L21
150	SMALL FIXED INDUCTOR 0603 MLF1608A4R7KT	L1
151	0805 C2012C-8.2NG	L214, L209, L211, L213, L212
152	SMALL FIXED INDUCTOR MLG1608B8N2DT 8.2NH ±0.1nH 0603	L104, L100
153	SMALL FIXED INDUCTOR 0603 MLG1608B10NJ	L202,L205,L200
154	SMALL FIXED INDUCTOR 0603 MLG1608B33NJ	L102,L101
155	1008	L105
156	SMALL FIXED INDUCTOR 0603 MLG1608B18NJ	L8, L9, L411
157	1608	L25
158	SMALL FIXED INDUCTOR C2012CB-33NG 33nH ±2% 2012	L17
159	SMALL FIXED INDUCTOR 0603 MLG1608B39NJ	L23, L207, L120
160	SMALL FIXED INDUCTOR C2012CB-22NG 22nH ±2% 2012	L16
161	1608	L11, L503, L504, L13,
162	SMALL FIXED INDUCTOR 0603 MLG1608BR18J	L10,
163	SMALL FIXED INDUCTOR 0603 MLG1608BR22J	L14,
164	SMALL FIXED INDUCTOR 0603 C1608CB-R22J	L18, L19, L215
165	SMALL FIXED INDUCTOR LQN21A220NJ 220nH 2012 (MURATA)	L109
166	SMALL FIXED INDUCTOR 0603 C1608CB-R33J	L206

167	SMALL FIXED INDUCTOR 0603 MLF1608DR56XT	L3,L5
168	EMI FILTER SMT BLM11A601S 600 1608	L6,L7,L12,L22,L24,L103,L203,L210,L301,L401,L113
169	EMI FILTER SMT BLM21P600SG 60 2012	L106,L108,L701
170	Lqh32mn1r0m23L 1uH	L111
171	SMALL FIXED INDUCTOR 0603 MLF1608E6R8XT	L302,L303,L304,L402,L403,L404,L405,L500,L501
172	DIODE 1SR154-400	D701
173	DIODE 1SV278	D10
174	DIODE HVC355B	D201,D203,D204,D205,D206
175	DIODE HVC376B	D4,D5,D7,D9,D8,D14,D13,D12
176	DIODE DAN222	D503
177	DIODE HSC277	D101,D202
178	DIODE HVC131	D103,D104,D105,D106
179	DIODE HZU5CLL	D102
180	DIODE MA2S111	D1,D11,D2,D3,D501,D6
181	DIODE RB706F-40	D502,D504
182	2SA1362(GR)	Q304
183	2SC4617	Q8
184	2SC4649(N,P)	Q203
185	2SC4919	Q501,Q401,Q402
186	2SC4619	Q9,Q100
187	2SC5108(Y)	Q2,Q6,
188	2SK508NV(K52)	Q3,Q4
189	2SK879(Y)	Q105
190	2SK1824	Q108,Q110,Q500,Q10
191	2SK1830	Q407,Q408
192	DIGITAL TRANSISTOR RD01MUS1	Q103
193	DIGITAL TRANSISTOR RD07MVS1	Q106
194	DIGITAL TRANSISTOR 2SK3077	Q102
195	DIGITAL TRANSISTOR 3SK318	Q204,Q205
196	DIGITAL TRANSISTOR ST2301	Q403,Q404
197	DIGITAL TRANSISTOR ST2302	Q306,Q316
198	DIGITAL TRANSISTOR DTA123JE	Q405
199	DIGITAL TRANSISTOR DTA143TE	Q5,Q7
200	DIGITAL TRANSISTOR DTA144EE	Q109,Q11
201	DIGITAL TRANSISTOR DTC114EE	Q104,Q107
202	DIGITAL TRANSISTOR DTC144EE	Q303,Q305
203	DIGITAL TRANSISTOR KTC4082	Q1
204	IC AT24C16	IC406

205	4.5V RESET IC VSOF5(EMP5) BD4845FVE	IC407
206	4.0V RESET IC VSOF5(EMP5) BD4840FVE	IC404
207	Baseband Processor TSSOP CMX882E1	IC501
208	IC HT9200A	IC502
209	IC LC73872	IC503
210	PLL IC MB15A02	IC1
211	IC OP-Amplifier TA75W01FU	IC101, IC500, IC504
212	AF AMP TA7368F	IC302
213	FM IF DETECTOR IC TA31136FN	IC201
214	IC S0T-23 3.0V XC62FP3002	IC403
215	IC S0T-89 5V XC6201P502PR	IC401, IC402
216	MCU uPD78F0078	IC405
217	IC W558A080	IC602
218	2TACC3.58MG , 3.58MHz	X500
219	CSTCR_G_B 7.3MHz ± 0.5% -40~125	X2
220	5V TCXO 12.8MHz	X1
221	TXC 6X18400016 18.432MHz	X501
222	51610G01 51.65MHz	XF201
223	JTBM450C24 450KHz 7.0*5.0	CD201
224	LTM450HT, 450kHz ± 3kHz	CF201
225	3A/32V, 1206 433003	F701
226	PT-036-DIS-T	S401, S402, S403, S404
227	PCB PT-6200U PCB main board 4-layer 1.2mm	
228	BL112-10RL, 10PIN	CN2, CN5
229	BL112-14RL, 14PIN	CN3
230	FOSTER 428648, 40, 0.5W, F 40	SP1
231	MIC B6027AP402-65	MIC301