

ORB-R15F

QTY	NAME & DESCRIPTION	VENDOR CODE	VENDOR	Component number	QT
1	RES. CHIP 0 Ω ±5% 1/16W 0603	CR 1/16 000 JT	ESKA Trade	R20.28.76	3
2	RES. CHIP 10 Ω ±5% 1/16W 0603	CR 1/16 100 JT	ESKA Trade	R34.53.104	3
3	RES. CHIP 100 Ω ±5% 1/16W 0603	CR 1/16 101 JT	ESKA Trade	R10.14.46	3
4	RES. CHIP 1 KΩ ±5% 1/16W 0603	CR 1/16 102 JT	ESKA Trade	R3.11.19	3
5	RES. CHIP 10 KΩ ±5% 1/16W 0603	CR 1/16 103 JT	ESKA Trade	R4.7.8.12.16.18.26.31.37.42.55.57.58.59.60.64.87.97.107	19
6	RES. CHIP 100 KΩ ±5% 1/16W 0603	CR 1/16 104 JT	ESKA Trade	R30.68.68.80.83.85.108	6
7	RES. CHIP 1 MΩ ±5% 1/16W 0603	CR 1/16 105 JT	ESKA Trade	R29.81.90	3
8	RES. CHIP 12 KΩ ±5% 1/16W 0603	CR 1/16 123 JT	ESKA Trade	R70	1
9	RES. CHIP 150 KΩ ±5% 1/16W 0603	CR 1/16 154 JT	ESKA Trade	R82.96	2
10	RES. CHIP 22 Ω ±5% 1/16W 0603	CR 1/16 220 JT	ESKA Trade	R5.6.25.38.48	5
11	RES. CHIP 220 Ω ±5% 1/16W 0603	CR 1/16 221 JT	ESKA Trade	R52.45	2
12	RES. CHIP 2.2 KΩ ±5% 1/16W 0603	CR 1/16 222 JT	ESKA Trade	R2.15.23.67	4
13	RES. CHIP 22 KΩ ±5% 1/16W 0603	CR 1/16 223 JT	ESKA Trade	R47.61.69.75.92	4
14	RES. CHIP 220 KΩ ±5% 1/16W 0603	CR 1/16 224 JT	ESKA Trade	R54	1
15	RES. CHIP 2.7 KΩ ±5% 1/16W 0603	CR 1/16 272 JT	ESKA Trade	R43	1
16	RES. CHIP 27 KΩ ±5% 1/16W 0603	CR 1/16 273 JT	ESKA Trade	R39	1
17	RES. CHIP 270 KΩ ±5% 1/16W 0603	CR 1/16 274 JT	ESKA Trade	R88	1
18	RES. CHIP 330 Ω ±5% 1/16W 0603	CR 1/16 331 JT	ESKA Trade	R71.72.93	3
19	RES. CHIP 3.3 KΩ ±5% 1/16W 0603	CR 1/16 332 JT	ESKA Trade		
20	RES. CHIP 68 KΩ ±5% 1/16W 0603	CR 1/16 683 JT	ESKA Trade		
21	RES. CHIP 330 KΩ ±5% 1/16W 0603	CR 1/16 334 JT	ESKA Trade	R103	1
22	RES. CHIP 470 Ω ±5% 1/16W 0603	CR 1/16 471 JT	ESKA Trade	R1.21	1
23	RES. CHIP 4.7 KΩ ±5% 1/16W 0603	CR 1/16 472 JT	ESKA Trade	R13.17.33.35.40.41.44.49.50.51.77.78.79.86.89.91.105.106	18
24	RES. CHIP 47 KΩ ±5% 1/16W 0603	CR 1/16 473 JT	ESKA Trade	R32.96	2
25	RES. CHIP 470 KΩ ±5% 1/16W 0603	CR 1/16 474 JT	ESKA Trade	R22.56.62	3
26	RES. CHIP 5.6 KΩ ±5% 1/16W 0603	CR 1/16 562 JT	ESKA Trade	R24.27	2
27	RES. CHIP 6.8 KΩ ±5% 1/16W 0603	CR 1/16 682 JT	ESKA Trade	R94	1
28	RES. CHIP 680 KΩ ±5% 1/16W 0603	CR 1/16 684 JT	ESKA Trade	R95	1
29	RES. CHIP 8.2 KΩ ±5% 1/16W 0603	CR 1/16 822 JT	ESKA Trade	R9	1
30	RES. CHIP 10 ohm ±5% 1/2W 0603	RC21 1/2W 121 JT	ESKA Trade	R84	1
31	RES. SEMIFIXED CHIP 10 KΩ 3D1A	EYN5FCX50B14	DAE DUCK	VR1	1
32	CAP. TRIMER CHIP 30pF NPO (BROWN)	ECRKN003A61X	DAE DUCK	VC2	1
33	CAP. TRIMER CHIP 10pF N400 (WHITE)	ECRKN010C61X	DAE DUCK	VC1	1
34	CAP. TANTAL 10uF/16V +20% SIZE:B2	TA-016TCMS100M-B2L	HAN IL	C83.110	2
35	CAP. TANTAL 3.3uF/ +20% SIZE:A	TA-010TCMS100M-AL	HAN IL	C54	1
36	CAP. TANTAL 22uF/4V +20% SIZE:A	TA-004TCMS220M-AL	HAN IL	C34.82.102.113.114.117.118	7
37	CAP. ELECT 220 uF/6.3V +20% 6.3x7	CRA6.3VB220M	SAM YOUNG	C81	1
38	CAP. CERAMIC CHIP 1 pF ±5% 0603	0603 CG 010B 9BB-M	ESKA Trade	C28.52	2
39	CAP. CERAMIC CHIP 2.2 pF ±5% 0603	0603 CG 229B 9BB-M	ESKA Trade	C60	1
40	CAP. CERAMIC CHIP 3 pF ±5% 0603	0603 CG 030B 9BB-M	ESKA Trade	C20.66.70	3
41	CAP. CERAMIC CHIP 5 pF ±5% 0603	0603 CG 050C 9BB-M	ESKA Trade	C2.16.18	3
42	CAP. CERAMIC CHIP 6 pF ±5% 0603	0603 CG 060C 9BB-M	ESKA Trade	C26.31	2

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43	CAP.CERAMIC CHIP 7 pF $\pm 5\%$ 0603	0603 CG 070C 9BB-M	ESKA Trade	C58	1
44	CAP.CERAMIC CHIP 8 pF $\pm 5\%$ 0603 N750	0603 UJ 080C 9BB-M	ESKA Trade	C65	1
45	CAP.CERAMIC CHIP 10 pF $\pm 5\%$ 0603	0603 CG 100D 9BB--	ESKA Trade	C5,12,72,131,430	5
46	CAP.CERAMIC CHIP 100 pF $\pm 5\%$ 0603	0603 CG 101J 9BB--	ESKA Trade	C38,41,45,46,47,48,56,88,91,109,130,133	12
47	CAP.CERAMIC CHIP 1000 pF $\pm 5\%$ 0603	0603 2R 102J 9BB--	ESKA Trade	C1,7,10,15,17,19,23,27,30,35,36,37,59,69,71,73,79,84,115,116,126,132	22
48	CAP.CERAMIC CHIP 0.01 uF $\pm 5\%$ 0603	0603 2R 103J 9BB--	ESKA Trade	C21,29,98,101,107,121,122,124	8
49	CAP.CERAMIC CHIP 0.1 uF $\pm 80\%$ 0603	0603 2F 104Z 9BB--	ESKA Trade	C11,14,32,33,39,42,75,76,77,78,80,85,89,92,93,94,96,99,100,103,104,105,106,108,111,112,120,127	28
50	CAP.CERAMIC CHIP 1 uF $\pm 80\%$ 0603	0603 2F 105Z 7BB--	ESKA Trade	C40,43,44,74,129	5
51	CAP.CERAMIC CHIP 11 pF $\pm 5\%$ 0603	0603 CG 110J 9BB--	ESKA Trade	C68	1
52	CAP.CERAMIC CHIP 12 pF $\pm 5\%$ 0603	0603 CG 120J 9BB--	ESKA Trade	C3,6,67	3
53	CAP.CERAMIC CHIP 15 pF $\pm 5\%$ 0603	0603 CG 150J 9BB--	ESKA Trade	C13	1
54	CAP.CERAMIC CHIP 18 pF $\pm 5\%$ 0603	0603 CG 180J 9BB--	ESKA Trade		
55	CAP.CERAMIC CHIP 1500 pF $\pm 5\%$ 0603	0603 2R 152K 9BB--	ESKA Trade	C87	1
56	CAP.CERAMIC CHIP 22 pF $\pm 5\%$ 0603	0603 CG 220J 9BB--	ESKA Trade	C8,51	1
57	CAP.CERAMIC CHIP 220 pF $\pm 5\%$ 0603	0603 CG 221J 9BB--	ESKA Trade	C57,61	3
58	CAP.CERAMIC CHIP 0.022uF $\pm 5\%$ 0603	0603 2R 223J 9BB--	ESKA Trade	C55,95	2
59	CAP.CERAMIC CHIP 0.22uF $\pm 80\%$ 0603	0603 2F 224Z 9BB--	ESKA Trade	C53	1
60	CAP.CERAMIC CHIP 39 pF $\pm 5\%$ 0603	0603 CG 390J 9BB--	ESKA Trade		
61	CAP.CERAMIC CHIP 3900 pF $\pm 5\%$ 0603	0603 2R 392K 9BB--	ESKA Trade	C90	1
62	CAP.CERAMIC CHIP 47 pF $\pm 5\%$ 0603	0603 CG 470J 9BB--	ESKA Trade	C24,62	2
63	CAP.CERAMIC CHIP 56 pF $\pm 5\%$ 0603	0603 CG 560J 9BB--	ESKA Trade	C86	1
64	CAP.CERAMIC CHIP 56 pF $\pm 5\%$ 0603 N750	0603 UJ 560C 9BB-M	ESKA Trade	C49	1
65	CAP.CERAMIC CHIP 82 pF $\pm 5\%$ 0603	0603 CG 820J 9BB--	ESKA Trade	C50	1
66	CAP.CERAMIC CHIP 820 pF $\pm 5\%$ 0603	0603 2R 821J 9BB--	ESKA Trade	C97	1
67	IC OCTSS TONE EN/DECODER SSOP-20	CMXR08AE3	ESTEC	U1	1
68	IC EEPROM 1,8-5,5V 1Kbit TSSOP-08	AK93C45AV-L	ADC	U8	1
69	IC AUDIO AMP 300mW SO-08	NUM386M-TE2	SIN MYUNG	U9	1
70	IC OP AMP QUAD SSOP-14	NUM324V-TE2	SIN MYUNG	U5	1
71	IC PLL DUAL	TB31202FN	GS Trading	U7	1
72	IC CPU	HD404899	HITACHI	U4	1
73	IC IF LOW VOLTAGE FM	DBL5018V	DAE WOO SEMICONDUCTOR	U3	1
74	IC REGULATOR LOW DROPO 4.0V SOT-235	R1120N401B-TR	ADC	U6	1
75	TR RF NPN 4.5GHz SOT-323 MK:R25	2SC4226(M)-T1(R25)	HK GATOR1	Q8	1
76	TR RF NPN 7.5GHz SOT-323 MK:WV2	BF067W	SUG YOUNG	Q2,5,6,9,22,27	6
77	TR RF NPN	AT31625	HP	Q1	1
78	TR PNP	K1A2015	DONG YOUNG	Q12,21	2
79	TR RF NPN 100MHz SOT-323 MK:04	KTC4080Y	DONG YOUNG	Q7	1
80	TR GEN.SMALL NPN 150mA SOT-323 MK:L4	KTC4075Y	DONG YOUNG	Q4,10	2
81	BRT PNP B:4K7,47K SOT-323 MK:PF	KRA308	DONG YOUNG	Q16,17,23	3
82	BRT NPN B:47K,47K SOT-323 MK:ND	KRC404	DONG YOUNG	Q3,11,13,14,15,18,26	7
83	DIODE PIN SINGLE USC MK:UD	KUC114	DONG YOUNG	D1,4,10	3

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QEO	NAME & DESCRIPTION	VENDOR CODE	VENDOR	Component number	Q1
84	DIODE SWITCHING DUAL SOT-23 MK:	KDS120	DONG YOUNG	05	1
85	DIODE SWITCHING	KDS160	DONG YOUNG	02,7,9	3
86	DIODE SWITCHING DUAL SOT-23 MK:B3	KDC184 RTK	DONG YOUNG	016	1
87	DIODE SWITCHING DUAL SOT-23 MK:C3	KDC276	DONG YOUNG	03,6	2
88	DIODE VARICAP 2V 15pF 30V SS-Mini MK:B	MA2C372-(1X)	SIEMENS KOREA	08	1
89	RED LED	BLXX31	SUNG MOON	011	1
90	GREEN LED	BLXX31	SUNG MOON	012	1
91	CHIP LED	19-21UGC1TR8	KOREANA	015	1
92	ORB-R15F LCM	0G-01112	DAE SAN	LC01	1
93	CERAMIC RESONATOR	4MHz(CSTCR_G)	ASUNG KOREA	X1	1
94	DISCRIMINATOR 450KHz C3	JTBW450C3	K.C INTER.	IFT1	1
95	X-TAL 21.25MHz (+/-2.5PPM) -10-50 UM-5(1R-1-6)	TR-1-6 21.25MHz	KTD	X2	1
96	FILTER X-TAL 21.7MHz +/-3.75KHZ	MF21.7M3	K.C INTER.	FL3	1
97	FILTERED CERAMIC 450KHz 4.5k 6POL 9.5*6.5*6.8h	LTM450GW	K.C INTER.	FL4	1
98	FILTER SAW 465MHz +/-3MHz SC-44 3.5X3.5	KF465V	KEC	FL2	1
99	Inductor Spring 50u 10nH	E2-320904TR	LS	L16,5	2
100	Inductor Spring 50u 24nH		LS	L1,3,2,19	4
101	Inductor Spring 50u 28nH	E2-301306TR	LS	L6	1
102	INDUCTOR CHIP CERAMIC 8.2nH 1608	CI-B1608-82NKJT	ESKA Trade	L7	1
103	INDUCTOR CHIP CERAMIC 47nH 1608	CI-B1608-470KJT	ESKA Trade	L9	1
104	INDUCTOR CHIP CERAMIC 18nH 1608	CI-B1608-180KJT	ESKA Trade	L13	1
105	INDUCTOR CHIP CERAMIC 22nH 1608	CI-B1608-220KJT	ESKA Trade	L10,11,17	3
106	INDUCTOR CHIP CERAMIC 39nH 1608	CI-B1608-390KJT	ESKA Trade	L14	1
107	INDUCTOR CHIP FERRAIT 2.2uH 1608	FI-A1608-222KJT	ESKA Trade	L18	1
108	INDUCTOR CHIP CERAMIC 270nH 1608	CI-B1608-271KJT	ESKA Trade	L4,12,15	3
109	INDUCTOR CHIP FERRAIT 470nH 1608	FI-A1608-471KJT	ESKA Trade	L8	1
110	SPEAKER	36-888-02	K.C INTER.	SP1	1
111	MIC	CP-9465-42	K.C INTER.	MIC1	1
112	TACT-SW	MON	K.C INTER.	S5	1
113	TACT-SW	PTT	K.C INTER.	S6	1
114	HQJ1468	AJ342	INA	J2	1
115	CONNECTOR	2P	KWANG HEE	J1	1
116	PCB 4 LAYER 1.0t	ORB-R15F	WOO SUNG		1