

NO. 1	Comment	describing	Footprint	Designator	dosage	Part NO.
R						
1	0R	resistance, 0 ohm, $\pm 5\%$, 1/16W, 0402	0402	R26, C419, LZ7, R70, R500, R504, R71, C463, R38, R39, R10, C1207, R9, R3	13	RC0402JR-070R(LF)
3	0.36	resistance, 0.36 ohm, $\pm 1\%$, 1/4W, 0805	0402	R300	1	RL0805FR-7W0R36(LF)
5	15R	resistance, 10 ohm, $\pm 5\%$, 1/16W, 0402	0402	R35	1	RC0402JR-0710R(LF)
5	15R	resistance, 15 ohm, $\pm 5\%$, 1/16W, 0402	0402	R22	1	RC0402JR-0715R(LF)
6	18R	resistance, 18 ohm, $\pm 5\%$, 1/10W, 0603	0402	R406	1	RC0402JR-0718R(LF)
7	33R	resistance, 33 ohm, $\pm 5\%$, 1/16W, 0402	0402	R11, R13, R17, R64–R65, R7, R202	7	RC0402JR-0733R(LF)
8	100R	resistance, 100 ohm, $\pm 5\%$, 1/16W, 0402	0402	R205, R208	2	RC0402JR-07100R(LF)
9	510R	resistance, 510 ohm, $\pm 5\%$, 1/16W, 0402	0402	R200, R209	2	RC0402JR-07510R(LF)
10	1K	resistance, 1K ohm, $\pm 5\%$, 1/16W, 0402	0402	R2, R204, R440–R441, R1, R15, R231	7	RC0402JR-071K(LF)
12	2K	resistance, 2K ohm, $\pm 5\%$, 1/16W, 0402	0402	R206, R49	2	RC0402JR-072K(LF)
14	10K	resistance, 10K ohm, $\pm 5\%$, 1/16W, 0402	0402	R16, R401	2	RC0402JR-0710K(LF)
17	47K	resistance, 51K ohm, $\pm 5\%$, 1/16W, 0402	0402	R5, R20, R8	3	RC0402JR-0751K(LF)
17	47K	resistance, 75K ohm, $\pm 5\%$, 1/16W, 0402	0402	R18, R215	2	RC0402JR-0775K(LF)
18	100K	resistance, 100K ohm, $\pm 5\%$, 1/16W, 0402	0402	R214, R6	2	RC0402JR-07100K(LF)
19	150K	resistance, 150K ohm, $\pm 5\%$, 1/16W, 0402	0402	R36	1	RC0402JR-07150K(LF)
C						
22	1.5pF	capacitance, 1.5pF, ± 0.25 pF, 50V, COG, 0402	0402	C414–C417	4	GRM1555C1H1R5CZ01D
23	2.2pF	capacitance, 2.2pF, ± 0.25 pF, 50V, COG, 0402	0402	C404–C405, C432–C433	4	GRM1555C1H2R2CZ01D
24	3.3pF	capacitance, 3.3pF, ± 0.25 pF, 50V, COG, 0402	0402	C425, C426, C8, C428, C429	5	GRM1555C1H3R3CZ01D
25	4.7pF	capacitance, 4.7pF, ± 0.25 pF, 50V, COG, 0402	0402	C418	1	GRM1555C1H4R7CZ01D
26	10pF	capacitance, 10pF, $\pm 5\%$, 50V, COG, 0402	0402	C401, C1205	2	GRM1555C1H100JZ01D
28	22pF	capacitance, 22pF, $\pm 5\%$, 50V, COG, 0402	0402	C430, C7, C203, C456, C427, C408	6	GRM1555C1H220JZ01D
30	27pF	capacitance, 27pF, $\pm 5\%$, 50V, COG, 0402	0402	C431, C23	2	GRM1555C1H270JZ01D

31	33pF	capacitance, 33pF, $\pm 5\%$, 50V, COG, 0402	0402	C3-C4, C14, C19-C21, C26, C28-C29, C31-C33, C47-C50, C208, VR2, C410, C40, C52, C35, C36, C42, C43	25	GRM1555C1H330JZ01D
32	47pF	capacitance, 47pF, $\pm 5\%$, 50V, COG, 0402	0402	C435, C438	2	GRM1555C1H470JZ01D
33	56pF	capacitance, 56pF, $\pm 5\%$, 50V, COG, 0402	0402	C455	1	GRM1555C1H560JZ01D
34	100pF	capacitance, 100pF, $\pm 5\%$, 50V, COG, 0402	0402	C250, C13, C15, C219, C406-C407, C409, C1243, C18	9	GRM1555C1H101JD01D(LF)
35	470pF	capacitance, 470pF, $\pm 10\%$, 50V, X7R, 0402	0402	C44	1	GRM1555C1H471JZ01D
36	680pF	capacitance, 680pF, $\pm 10\%$, 50V, COG, 0402	0402	C402-C403	2	GRM1555C1H681JZ01D
37	1nF	capacitance, 1nF, $\pm 10\%$, 50V, X7R, 0402	0402	ED2, ED415, ED416, C449, C16	5	GRM155R71H102KA01D(LF)
38	10nF	capacitance, 10nF, $\pm 10\%$, 16V, X7R, 0402	0402	C38, C300	2	GRM155R71C103KA01D(LF)
39	22nF	capacitance, 22nF, $\pm 10\%$, 16V, X7R, 0402	0402	C204, C212, C25, C221	4	GRM155R71C223KA01D(LF)
40	100nF	capacitance, 100nF, $\pm 10\%$, 10V, X5R, 0402	0402	C10, C200, C206, C217, C61, C600, C800-C801, C400, C436, C501, C30, C802, C803, C12, C6	16	GRM155R71C104KA88D(LF)
41	1uF	capacitance, 1uF, $\pm 10\%$, 10V, X5R, 0603	0603	C5, C58-C59, C56	4	GRM188R61A105KA61D(LF)
42	1uF	capacitance, 1uF, $\pm 10\%$, 6.3V, X5R, 0402	0402	C1, C24, C2, C17, C46, C51, C420-C423	10	GRM155R60J105KE19D(LF)
43	2.2uF	capacitance, 2.2uF, $\pm 10\%$, 6.3V, X5R, 0603	0603	C218, C9, C60, C304-C305, C308-C310	8	GRM188R60J225KE19D
44	4.7uF	capacitance, 4.7uF, $\pm 10\%$, 6.3V, X5R, 0603	0603	C57, C202, C22, C27	4	GRM188R60J475KE19D
45	10uF	capacitance, 10uF, $\pm 20\%$, 6.3V, X5R, 0805	0805	C11, C201, C213, C211, C303, C624, C437	7	JMK212BJ106KG-T
L						
46	2.4nH	inductance, 2.4nH, ± 0.3 nH, 0402, SDCL1005C2N4STDF, SUNLORD	0402	L404, L1201	2	SDCL1005C2N4ST
48	6.2nH	inductance, 6.2nH, ± 0.3 nH, 0402, SDCL1005C6N	0402	L407, L405	2	SDCL1005C6N2ST
49	10nH	inductance, 10nH, $\pm 5\%$, 0402, SDCL1005C10NJTD	0402	L400	1	SDCL1005C10NJT
50	15nH	inductance, 15nH, $\pm 5\%$, 0402, SDCL1005C15NJTD	0402	L403	1	SDCL1005C15NJT
51	100nH	inductance, 100nH, $\pm 5\%$, 0402, SDCL1005CR10JTD	0402	L1	1	SDCL1005C100NJT
49	0402	magnetic beads, 75ohm, 0402, SZ1005G750TF, Sunlord	0402	LZ1-LZ2, LZ6	3	SZ1005G750TF

51	HZ1005K182TF	magnetic beads, 1.8K ohm, 50mA, 0402, HZ1005K182TF, SUNLORD	0402	LZ3-LZ5	3	HZ1005K182TF
52	DIODE	schottky diode, SIG631E30T1G, SOD-523, SIG	SOD-523	D413	1	SIG631E30T1G
53	PNP	triode, PNP, SC-70, SBT4102AWT1G, SIG	SC-70	Q1	1	SBT4102AWT1G
55	TPCF8B01	field effect transistor, TPCF8B01, TOSHIBA	field eff	Q301	1	TPCF8B01
57	LED	0603 LED (blue), BL-HB336G-TRB, BRIGHT	0603	LD1, LD4-LD5, LD34	4	BL-HB336G-TRB
58	NPN	triode, NPN, SC-75, 2SC4617TLQ, ROHM	SC-59	Q5	1	2SC4617TLQ
59	TVS	TVSdiode, (5V, 80pf), ESD5Z5.0T1G, SOD523, ONS	SOD523	TVS301	1	ESD5Z5.0T1G
60	CPU	SC6600L2	BGA-224	U100	1	SC6600L2
61	RF PA	RF power amplifier, GSMfour frequency, RPF8	30PAD	U3	1	RPF88162B
62	RF TRANSCIVER	RF transceiver, GSMfour frequency, QFN-40, Q	QFN-40	U404	1	QS518
63	SAW	two waywave filter (DCS/EGSM), SFR942PY002, WISOL	10 PAD	U405	1	SFR942PY002
63	SAW	wave filter, SAW, PCS1900-RX, SF14- 1960M5UB50/A1, KYOCERA	5 PAD	U400		SF14- 1960M5UB50/A1
63	SAW	wave filter, SAW, 850-RX, SF14- 0881M5UB50/A1, KYOCERA	5 PAD	U401	1	SF14- 0881M5UB50/A1
66	MEMORY	IC, MCP (64Mb+32Mb), ADMUX, M36WOR6050U4ZS W0	FBGA-56	U406	1	M36WOR6050U4ZS W0
67	AUDIO PA	audio power amplifier, SN4990AIF09E, SI-EN	CSP-9	U201	1	SN4990AIF09E
68	BT	bluetooth chip, 6x6mm, 40Pin QFN, RDA5870E, RDA	QFN-40	U1	1	RDA5870E
69	CONNECTOR	battery connector, ordinary, 3.0PITCH, 8.4x3.5x6.2mm H, WKBAV006-D31P, Jay smooth	8.4x3.5x 6.2mmH	U9	1	WKBAV006-D31P
70	SIM SOCKET	SIM card connector, ordinarytype, 1.80mmH, SIMMS-	3PIN	SIM1, SIM400	2	CAF99-06183- 1503
71	T-FLASH SOCKET	T-FLASH deck, cover lifting type, 1.9mmH, CAH11-08193-SF01, LCN	8PIN	TF100	1	CAH11-08193- SF01
72	USB SOCKET	MINI USBsocket, 12PIN, 2.0mmH, MICFS-01215- TP03 (UAF05-12204-1501), LCN	12PIN	USB400	1	UAF05-12204- 1501
73	CRYSTAL	32.768KHzcrystal, 12.5pF, ± 20ppm, Q13MC1462000200 (Q13MC1461000200), EP SON	4 PAD	X200	1	Q13MC1462000200
74	CRYSTAL	26MHzcrystal (3225), ±10ppm, 8.0pf, TN4- 26245, EPSON	3225	X400	1	TN4-26245
75	PCB	PCBmain board, 7707-MB-V1.7	91.6mmX3 6mmX1mm		1	