

Parts List (Model: Cylinder 2200)

NO. 1	Comment	Describing	Footprint	Designator	Qty.
R					
1	0R	Resistor 0 ohm, $\pm 5\%$, 1/16W, 0402	0402	R26, C419, LZ7, R70, R500, R504, R71, C463, R38, R39, R10, C1207	13
3	0.36	Resistor 0.36 ohm, $\pm 1\%$, 1/4W, 0805	0402	R300	1
5	15R	Resistor 10 ohm, $\pm 5\%$, 1/16W, 0402	0402	R35	1
5	15R	Resistor 15 ohm, $\pm 5\%$, 1/16W, 0402	0402	R22	1
6	18R	Resistor 18 ohm, $\pm 5\%$, 1/10W, 0603	0402	R406	1
7	33R	Resistor 33 ohm, $\pm 5\%$, 1/16W, 0402	0402	R11, R13, R17, R64–R65, R7, R202	7
8	100R	Resistor 100 ohm, $\pm 5\%$, 1/16W, 0402	0402	R205, R208	2
9	510R	Resistor 510 ohm, $\pm 5\%$, 1/16W, 0402	0402	R200, R209	2
10	1K	Resistor 1K ohm, $\pm 5\%$, 1/16W, 0402	0402	R2, R204, R440–R441, R1, R15, R231	7
12	2K	Resistor 2K ohm, $\pm 5\%$, 1/16W, 0402	0402	R206, R49	2
14	10K	Resistor 10K ohm, $\pm 5\%$, 1/16W, 0402	0402	R16, R401	2
17	47K	Resistor 51K ohm, $\pm 5\%$, 1/16W, 0402	0402	R5, R20, R8	3
17	47K	Resistor 75K ohm, $\pm 5\%$, 1/16W, 0402	0402	R18, R215	2
18	100K	Resistor 100K ohm, $\pm 5\%$, 1/16W, 0402	0402	R214, R6	2
19	150K	Resistor 150K ohm, $\pm 5\%$, 1/16W, 0402	0402	R36	1
C					
22	1.5pF	Capacitor1.5pF, ± 0.25 pF, 50V, COG, 0402	0402	C414–C417	4
23	2.2pF	Capacitor2.2pF, ± 0.25 pF, 50V, COG, 0402	0402	C404–C405, C432–C433	4
24	3.3pF	Capacitor3.3pF, ± 0.25 pF, 50V, COG, 0402	0402	C425, C426, C8, C428, C429	5
25	4.7pF	Capacitor4.7pF, ± 0.25 pF, 50V, COG, 0402	0402	C418	1
26	10pF	Capacitor10pF, $\pm 5\%$, 50V, COG, 0402	0402	C401, C1205	2
28	22pF	Capacitor22pF, $\pm 5\%$, 50V, COG, 0402	0402	C430, C7, C203, C456, C427, C408	6

30	27pF	Capacitor27pF, ±5%, 50V, COG, 0402	0402	C431, C23	2
31	33pF	Capacitor33pF, ±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
32	47pF	Capacitor47pF, ±5%, 50V, COG, 0402	0402	C435, C438	2
33	56pF	Capacitor56pF, ±5%, 50V, COG, 0402	0402	C455	1
34	100pF	Capacitor100pF, ±5%, 50V, COG, 0402	0402	C250, C13, C15, C219, C406–C407, C409, C1243, C18	9
35	470pF	Capacitor470pF, ±10%, 50V, X7R, 0402	0402	C44	1
36	680pF	Capacitor680pF, ±10%, 50V, COG, 0402	0402	C402–C403	2
37	1nF	Capacitor1nF, ±10%, 50V, X7R, 0402	0402	ED2, ED415, ED416, C449, C16	5
38	10nF	Capacitor10nF, ±10%, 16V, X7R, 0402	0402	C38, C300	2
39	22nF	Capacitor22nF, ±10%, 16V, X7R, 0402	0402	C204, C212, C25, C221	4
40	100nF	Capacitor100nF, ±10%, 10V, X5R, 0402	0402	C10, C200, C206, C217, C61, C600, C800–C801, C400, C436, C501, C30, C80 2, C803, C12, C6	16
41	1uF	Capacitor1uF, ±10%, 10V, X5R, 0603	0603	C5, C58–C59, C56	4
42	1uF	Capacitor1uF, ±10%, 6. 3V, X5R, 0402	0402	C1, C24, C2, C17, C46, C51, C420–C423	10
43	2. 2uF	Capacitor2. 2uF, ±10%, 6. 3V, X5R, 0603	0603	C218, C9, C60, C304–C305, C308–C310	8
44	4. 7uF	Capacitor4. 7uF, ±10%, 6. 3V, X5R, 0603	0603	C57, C202, C22, C27	4
45	10uF	Capacitor10uF, ±20%, 6. 3V, X5R, 0805	0805	C11, C201, C213, C211, C303, C624, C437	7
L					
46	2. 4nH	Inductor 2. 4nH, ±0. 3nH, 0402, SDCL1005C2N4STDF, SUNLORD	0402	L404, L1201	2
48	6. 2nH	Inductor 6. 2nH, ±0. 3nH, 0402, SDCL1005C6N2STDF, SUNLORD	0402	L407, L405	2
49	10nH	Inductor 10nH, ±5%, 0402, SDCL1005C10JTDF, Sunlord	0402	L400	1
50	15nH	Inductor 15nH, ±5%, 0402, SDCL1005C15JTDF, Sunlord	0402	L403	1
51	100nH	Inductor 100nH, ±5%, 0402, SDCL1005CR10JTDF, Sunlord	0402	L1	1
49	0402	Bead 75 ohm, 0402, SZ1005G750TF, Sunlord	0402	LZ1–LZ2, LZ6	3
51	HZ1005K182TF	Bead 1. 8K ohm, 50mA, 0402, HZ1005K182TF, SUNLORD	0402	LZ3–LZ5	3

52	DIODE	Diode SIG631E30T1G, SOD-523, SIG	SOD-523	D413	1
53	PNP	Audion PNP, SC-70, SBT4102AWT1G, SIG	SC-70	Q1	1
55	TPCF8B01	MOS,TPCF8B01,TOSHIBA	MOS	Q301	1
57	LED	0603 LED(Blue), BL-HB336G-TRB, BRIGHT	0603	LD1, LD4-LD5, LD34	4
58	NPN	Audion NPN, SC-75, 2SC4617TLQ, ROHM	SC-59	Q5	1
59	TVS	TVS Diode, (5V, 80pf), ESD5Z5.0T1G, SOD523, ONSEMI	SOD523	TVS301	1
60	CPU	SC6600L7A	BGA-224	U100	1
61	RF PA	(T) IC, RF Amplifier, GSM 4 Bands, RPF88162B, RENESAS	30PAD	U3	1
62	RF TRANSCEIVER	Transceiver, GSM 4 Bands, QFN-40, QS518	QFN-40	U404	1
63	SAW	Filter (DCS/EGSM), SFR942PY002, WISOL	10 PAD	U405	1
63	SAW	Filter SAW, PCS1900-RX, SF14-1960M5UB50/A1, KYOCERA	5 PAD	U400	
63	SAW	Filter SAW, 850-RX, SF14-0881M5UB50/A1, KYOCERA	5 PAD	U401	1
66	MEMORY	(S) IC (MEMORY), MCP (64Mb+32Mb), ADMUX, M36WOR6050U4ZS M1, NUMONYX	FBGA-56	U406	1
67	AUDIO PA	Audio amplifier SN4990DIF09E, SI-EN	CSP-9	U201	1
68	BT	IC, RADIO Chip (BT+FM), RDA5876, 4X4X0.9mm, QFN-32, RDA	QFN-32	U1201	1
69	CONNECTOR	Battery Connector 3.0PITCH, 8.4x3.5x6.2mmH, WKBAV006-D31P	8.4x3.5x6.2mmH	U9	1
70	SIM SOCKET	SIM Card Connector, 1.80mmH, SIMMS-00615-TP31 (CAF99-06183-1503), LCN	3PIN	SIM1, SIM400	2
71	T-FLASH SOCKET	T-FLASH Socket, 1.9mmH, CAH11-08193-SF01, LCN	8PIN	TF100	1
72	USB SOCKET	MINI USB Jack, 12PIN, 2.0mmH, MICFS-01215-TP03 (UAF05-12204-1501), LCN	12PIN	USB400	1
73	CRYSTAL	32.768KHz Crystal, 12.5pF, $\pm$ 20ppm, Q13MC1462000200 (Q13MC1461000200), EPSON	4 PAD	X200	1
74	CRYSTAL	26MHz Crystal (3225), $\pm$ 10ppm, 8.0pf, TN4-26245, EPSON	3225	X400	1
75	PCB	PCB主板, 7707-MB-V4.3	91.6mmX36mmX1mm		1