

BILL OF MATERIAL

MODE:FRS14-NL

Rev.00

24-Nov-03

NO	PART NAME	DESCRIPTION	Q'TY	REFERENCE	ANU./VENDC	U/P	AMOUNT
1	(0402)COG 22P	CHIP CAP_22P	4	C108 109 113 117			
2	(0402)X7R 152K	CHIP CAP_B_1N	2	C7 74			
3	(0402)X7R 103K	CHIP CAP_10N	2	C3 401			
4	(0402)Y5V 104M	CHIP CAP_100N	3	C55 60 97			
5	(0603)C0G 010B	CHIP CAP_1P	1	C120			
6	(0603)C0G 020B	CHIP CAP_2P	1	C22			
7	(0603)C0G 030B	CHIP CAP_3P	1	C16			
8	(0603)C0G 3P3B	CHIP CAP_3P3	2	C58 63			
9	(0603)C0G 040B	CHIP CAP_4P	1	C64			
10	(0603)C0G 050B	CHIP CAP_5P	2	C36 56			
11	(0603)C0G 5P6B	CHIP CAP_5P6	1	C122			
12	(0603)C0G 060D	CHIP CAP_6P	1	C39			
13	(0603)C0G 070D	CHIP CAP_7P	3	C35 44 67			
14	(0603)C0G 080D	CHIP CAP_8P	1	C66			
15	(0603)C0G 090D	CHIP CAP_9P	1	C13			
16	(0603)C0G 100D	CHIP CAP_10P	9	C2 8 40 42 61 62 89 96 312			
17	(0603)C0G 120J	CHIP CAP_12P	1	C5			
18	(0603)C0G 180J	CHIP CAP_18P	1	C4			
19	(0603)C0G 220J	CHIP CAP_22P	5	C14 20 27 51 76			
20	(0603)C0G 680J	CHIP CAP_68P	1	C50			
21	(0603)C0G 820J	CHIP CAP_82P	1	C111			
22	(0603)C0G 101J	CHIP CAP_100P	5	C37 49 98 99 149			
23	(0603)C0G 221J	CHIP CAP_220P	1	C87			
24	(0603)X7R 471K	CHIP CAP_B_470P	7	C1 10 12 31 32 41 43			
25	(0603)X7R 102K	CHIP CAP_B_1N	13	C21 28 33 68 71 85 86 90 94 95 123 205 502			
26	(0603)X7R 103K	CHIP CAP_B_10N	8	C15 72 77 79 80 81 121 301			
27	(0603)X7R 223K	CHIP CAP_B_22N	1	C88			
28	(0603)X7R 333M	CHIP CAP_B_33N	1	C17			
29	(0603)Y5V 473M	CHIP CAP_F_47N	5	C34 45 59 105 106			
30	(0603)Y5V 104M	CHIP CAP_F_100N	20	C6 18 19 23 25 26 30 38 46 53 54 69 70 78 82 100 104 302 305 311			
31	(0603)Y5V 105Z	CHIP CAP_F_1000N	8	C11 29 47 57 75 112 118 140			
32	(0603)5.6NJ	CHIP COIL_5.6NH	1	L10			
33	(0603)10NJ	CHIP COIL_10NH	1	L5			
34	(0603)15NJ	CHIP COIL_15NH	1	L202			
35	(0603)22NJ	CHIP COIL_22NH	5	L2 6 11 13 14			
36	(0603)33NJ	CHIP COIL_33NH	1	L15			
37	(0603)27NJ	CHIP COIL_27NH	2	L7 16			
38	(0603)68NJ	CHIP COIL_68NH	1	L12			
39	(0603)2R2K	CHIP COIL_2.2uH	1	L8			
40	(0402)-10 000J	CHIP RES-0 OHM	1	R74			

41	(0402)-10 220J	CHIP RES-22 OHM	1	R59				
42	(0402)-10 152J	CHIP RES-1K5 OHM	1	R16				
43	(0402)-10 302J	CHIP RES-3K OHM	1	R4				
44	(0402)-10 682J	CHIP RES-6K8 OHM	1	R66				
45	(0402)-10 103J	CHIP RES-10K OHM	4	R17 54 37 82				
46	(0402)-10 683J	CHIP RES-68K OHM	1	R49				
47	(0402)-10 104J	CHIP RES-100K OHM	1	R77				
48	(0402)-10 474J	CHIP RES-470K OHM	1	R69				
49	(0603)-10 100J	CHIP RES-10 OHM	4	R14 42 93 508				
50	(0603)-10 330J	CHIP RES-33 OHM	4	R20 48 51 95				
51	(0603)-10 390J	CHIP RES-39 OHM	2	R7 R8				
52	(0603)-10 560J	CHIP RES-56 OHM	3	R41 62 168				
53	(0603)-10 101J	CHIP RES-100 OHM	2	R3 5				
54	(0603)-10 121J	CHIP RES-120 OHM	1	R507				
55	(0603)-10 561J	CHIP RES-560 OHM	1	R167				
56	(0603)-10 102J	CHIP RES-1K OHM	3	R38 49 40				
57	(0603)-10 152J	CHIP RES-1K5 OHM	1	R52				
58	(0603)-10 182J	CHIP RES-1K8 OHM	2	R11 23				
59	(0603)-10 222J	CHIP RES-2K2 OHM	6	R27 45 46 56 58 89				
60	(0603)-10 332J	CHIP RES-3K3 OHM	3	R10 13 28				
61	(0603)-10 392J	CHIP RES-3K9 OHM	3	R15 91 92				
62	(0603)-10 472J	CHIP RES-4K7 OHM	10	R30 31 43 50 61 73 81 87 146 506				
63	(0603)-10 562J	CHIP RES-5K6 OHM	2	R33 78				
64	(0603)-10 682J	CHIP RES-6K8 OHM	2	R25 102				
65	(0603)-10 103J	CHIP RES-10K OHM	9	R9 26 47 70 79 90 94 139 140				
66	(0603)-10 123J	CHIP RES-12K OHM	3	R21 34 44				
67	(0603)-10 153J	CHIP RES-15K OHM	1	R84				
68	(0603)-10 183J	CHIP RES-18K OHM	1	R1				
69	(0603)-10 223J	CHIP RES-22K OHM	2	R29 67				
70	(0603)-10 303J	CHIP RES-30K OHM	1	R60				
71	(0603)-10 473J	CHIP RES-47K OHM	8	R12 18 71 76 86 88 505 509				
72	(0603)-10 683J	CHIP RES-68K OHM	2	R63 137				
73	(0603)-10 753J	CHIP RES-75K OHM	1	R105				
74	(0603)-10 823J	CHIP RES-82K OHM	2	R2 19				
75	(0603)-10 104J	CHIP RES-100K OHM	5	R53 57 64 65 68				
77	(0603)-10 334J	CHIP RES-330K OHM	1	R22				
78	(0603)-10 564J	CHIP RES-560K OHM	1	R55				
79	(0603)-10 684J	CHIP RES-680K OHM	1	R6				
80	(0603)-10 105J	CHIP RES-1M OHM	1	R24				
81	1N4148	SWITCHING-DIODE	6	D2 3 5 6 9 11				
82	8.2V/0.5W	DIODE-ZEN BZ55-8V2	1	DZ1				
83	2SC4901	RF-T.R 2SC4901	6	Q1 3 7 8 10 11				
84	2SC5343	RF-T.R	3	Q13 18 21				

85	2SC5345	RF-T.R	1	Q4			
86	2SK3078	RF POWER_T.R(SOT-89)	1	Q6			
87	0.32-1.2-3T	SPRING CHIP COIL	3	L1 3 9			
88	0.32-1.2-4T	SPRING CHIP COIL	2	L4 18			
89	KT9753-62-2P	C-MIC	1	MIC			
90	KB8825B	PLL_IC_SOP	1	IC2			
91	MC34119	AUDIO AMP_IC_SOP	1	IC5			
92	KA3361D	IF DEMODEULATOR_IC_SOP	1	IC1			
93	ITC-SIB302K25FWM2A	CPU-PELLET-OTP	1	IC4			
94	S-L2980A33MC-C6STF	REGULATOR_IC_3.3V	1	IC3			
95	HVU202A	VARICAP-DIODE	1	D7			
96	SRC1203SFY	SW-T.R	1	Q16			
97	2SA1981SFY	SW_T.R	2	Q14 22			
98	STN2907SFY	SW_T.R	3	Q2 5 12			
99	10/10V_TANTAL	ELEC_CAP_10UF/10V	1	C73			
100	100/6V3_MINI(4X7)	ELEC_CAP_100UF/6.3V(4X7)	5	C24 48 101 103 114			
101	HC-49S21.250MHZ	XTAL 18pF-21.25M+/-2.5PPM	1	X1			
102	CERAMIC3.58MHZ	CERAMIC RESONATOR	1	X4			
103	CDB450C32	CERAMIC DISCRIMINATOR	1	IFT1			
104	KTM450HTU	CERAMIC FILTER 450+/-3KHz	1	FL3			
105	FILTER UM-5 21.7MHZ	XTAL FILTER 21.7MHZ +/-3.75	1	FL2			
106	32.768KHZ	XTAL	1	X5			
107	KDS114	RF-SWITCHING-DIODE	3	D1 4 8			
108	FLASH LED	LED-BLUE	1	LED3			
109	LTST-C150GKT	CHIP LED GREEN	3	LED1 LED2 LED4			
110	SHEET	COPPER 10X8X0.1MM	1				
111	ECRLA006A52	TRIM_CAP-6P-6PIE	1	CV1			
112	16OHM 0.5W 28MM SPEAKER	16OHM 0.5W 28MM SPEAKER	1	SPK1			
113	ST-020SMT-050-10	PHONE JACK	1	JACK1			
114	PWI8260TW	NACKLACE/LCD	1	LCD1			
115	ANT NACKLACE/465MHZ	NACKLACE	1	ANT1			
116	LCD BRACKET	NACKLACE	1				
117	LCD HOLDER	NACKLACE	1				
118	NACKLACE-PCB-00	4LAYER	1				
119	VCO CAN	NACKLACE					