

Comsonics Qualifier, Vehicle Mounted Device							
Bill of Materials, Rev B1 (C4)							
"July 3, 2007							
Item	Qty	Ref Des	Value	Rating	Package	Manufacturer	Manuf. P/N
1	1	C1	220pF	50V	C0603	Any	Generic
2	6	C2,C4,C8,C21,C41,C45	0.1uF	25V	C0805	Any	Generic
3	1	C3	10nF	25V	C0603	Any	Generic
4	7	C5,C17,C19,C20,C26,C28,C29	10nF	25V	C0805	Any	Generic
5	1	C6	7pF	50V	C0805	Any	Generic
6	4	C7,C13,C16,C36	1nF	50V	C0805	Any	Generic
7	4	C9,C25,C35,C39	100pF	50V	C0805	Any	Generic
8	1	C11	82pF	50V	C0805	Any	Generic
9	1	C12	16pF	50V	C0805	Any	Generic
10	2	C14,C30	56pF	50V	C0805	Any	Generic
11	3	C18,C22,C27	10uF	16V	Tant-B	AVX	TPSBxxx
12	1	C23	10pF		C0805	Any	Generic
13	1	C24	3pF		C0805	Any	Generic
14	1	C33	4.7nF		C0805	Any	Generic
15	1	C34	15pF		C0805	Any	Generic
16	1	C37	22nF		C0805	Any	Generic
17	1	C38	47pF	50V	C0805	Any	Generic
18	1	C40	150pF	50V	C0805	Any	Generic
19	1	C44	N/P	50V	C0805	Any	Generic
20	1	D1	SMV1248		SC-70	Alpha	SMV1248-074
21	1	D2	S3A		SMC	Taiwan Semiconductor	S3A
22	1	D3	MMBD7000		SOT23A	Motorola	MMBD7000LT1
23	1	D4	Yellow		LEDRA_597	Dialight	597-2401-407
24	1	D5	Red		LEDRA_597	Dialight	597-2111-407
25	1	D6	Green		LEDRA_597	Dialight	597-2311-407
26	1	D7	Orange		LEDRA_597	Dialight	597-2201-407
27	1	FB1	Ferrite Bead		R0805	Murata	BLM21PG221SN1D
28	1	F1	2A			Littlefuse	297002
29	1	F2	FuseBlockMini		FuseMiniH	MiniFuse holder	153007
30	1	HW1	PCB				
31	1	HW2	Shield_Can		Stndx_7	Standex	7mm, w/standoff
32	1	J1	Battery		MFJr3_4	Molex	39-30-3037
33	1	J2	Program		5SIP100		
34	1	J3	BNC-RA-PCB-RF		BNCRAPCB	AMP	227677
35	2	L1,L2	1.2uH		L1008	Coilcraft	1008CS-122XJBC
36	1	L3	10uH		L5022	Coilcraft	DO5022P-103
37	1	L4	380nH		Maxi	Coilcraft	132-17
38	1	L5	17.5nH		CoilcraftB	Coilcraft	B06T
39	2	L10,L6	28nH		CoilcraftB	Coilcraft	B08T
40	1	L7	22nH		L0805	Coilcraft	0805CS-220XKBC
41	1	L9	111nH		Maxi	Coilcraft	132-10SMJ

42	1	L11	246nH		Maxi	Coilcraft	132-15
43	1	Q2	NE68033		SOT23A	NEC	NE68033
44	3	Q3,Q6,Q11	3904		SOT23A	Motorola	MMBT3904LT1
45	2	Q4,Q8	MMBT3906		SOT23A	Motorola	MMBT3906LT1
46	1	Q5	MRF1513		MRF466	Motorola	MRF1513
47	1	Q7	NE85633		SOT23A	NEC	NE85633
48	1	Q9	MMBR521		SOT23A	On Semiconductor	MMBR521
49	1	Q10	TPC6102		SOT23-6	Toshiba	TPC6102
50	3	R1,R3,R10	100	1/16W	R0805	Any	Generic
51	2	R2,R20	330	1/16W	R0805	Any	Generic
52	8	R4,R7,R16,R19,R22,R35, R38,R39	22K	1/16W	R0805	Any	Generic
53	1	R5	680	1/16W	R0805	Any	Generic
54	1	R6	120	1/16W	R0805	Any	Generic
55	2	R29,R8	3.3K	1/16W	R0805	Any	Generic
56	2	R11,R37	100K	1/16W	R0805	Any	Generic
57	1	R12	560	1/16W	R0805	Any	Generic
58	1	R13	4.7M	1/16W	R0805	Any	Generic
59	2	R14,R34	2K	1/16W	R0805	Any	Generic
60	1	R17	200K	1/16W	R0805	Any	Generic
61	2	R23,R26	270	1/16W	R0805	Any	Generic
62	2	R24,R25	1.1K	1/16W	R0805	Any	Generic
63	1	R27	130	1/16W	R0805	Any	Generic
64	1	R28	910	1/16W	R0805	Any	Generic
65	2	R30,R36	4.7K	1/16W	R0805	Any	Generic
66	1	R32	470	1/16W	R0805	Any	Generic
67	1	R33	820	1/16W	R0805	Any	Generic
68	1	R40	820pF	50V	C0805	Any	Generic
69	1	SW1	SW DPST		SW_P227	E-Switch	P227EE1CXCTAGRED
70	1	S2	Test		SW_6MM_R/	E-Switch	TL1105SF160Q
71	1	U1	16.8MHz		CSX532T	Citizen	CSX532T16.800M3-U10
72	1	U2	MC145170		TSSOP16	Motorola	MC145170DT2
73	1	U3	MGA-62563		SOT363	Agilent	MGA-62563
74	1	U5	LM1086		TO-263-3	National Semiconductor	LM1086IS-ADJ
75	1	U6	MC68HC908QY2		S016W	Motorola	MC68HC908QY2CDW
76	1	U7	LP2989		S08	Linear Technology	LP2989IM-5.0
77	1	U8	U3745BM		S020W	Temic	U3745BM-MFLG3
78	1	Y1	6.764375MHz		HC49SD	Any	HC49 SMD