

1: VOLCAL FILTER Revised: Monday, August 05, 2002
 2: 100-1003 Revision: A
 3:
 4: Jim Patchell
 5: patchell@silcom.com
 6:
 7:
 8:
 9:

10: Bill Of Materials May 18,2003 10:44:23 Page1

Item	Quantity	Reference	Part	Mouser Part Number
1	106	C1,C2,C3,C4,C5,C6,C7,C8, C9,C10,C11,C12,C13,C14, C15,C16,C17,C18,C19,C20, C21,C22,C23,C24,C25,C26, C27,C28,C29,C30,C31,C32, C50,C51,C52,C53,C54,C55, C56,C57,C58,C59,C60,C61, C62,C63,C64,C65,C66,C67, C68,C69,C70,C71,C72,C73, C74,C75,C76,C77,C78,C79, C80,C81,C82,C83,C84,C85, C86,C87,C88,C89,C90,C91, C92,C93,C94,C95,C96,C97, C98,C99,C100,C101,C102, C103,C104,C105,C106,C107, C108,C109,C110,C111,C112, C113,C114,C115,C116,C117, C121,C122,C123,C124,C125, C126	.1uF	80-C410C104M5U
2	6	C33,C34,C37,C38,C41,C42	.001uF	23PS210
3	12	C35,C36,C39,C40,C43,C44, C46,C47,C48,C49,C119, C120	100pF	140-50P2-101K
4	1	C45 27pF		140-50N2-270J
5	1	C118	.01uF	23PS310
6	29	D1,D2,D23,D26,D29,D30, D31,D32,D33,D34,D35,D36, D37,D38,D39,D40,D41,D42, D43,D44,D45,D46,D47,D48, D49,D50,D51,D52,D53	1N914	78-1N914
7	6	D21,D22,D24,D25,D27,D28	1N751	610-1N751A
8	5	JP1,JP2,JP3,JP4,JP5	HEADER 10X2	571-1033095
9	1	P5	HEADER 4	538-26-48-1245
10	2	Q1,Q2	2N3904	625-2N3904
11	32	Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10, Q11,Q12,Q13,Q14,Q15,Q16, Q17,Q18,Q19,Q20,Q21,Q22, Q23,Q24,Q25,Q26,Q27,Q28, Q29,Q30,Q31,Q32,Q33,Q34	2N3906	625-2N3906
12	87	R1,R6,R100,R102,R103, R104,R105,R106,R108,R110, R112,R114,R115,R116,R117, R125,R129,R132,R143,R145, R146,R148,R149,R150,R151, R152,R154,R156,R158,R160, R161,R162,R163,R171,R175, R178,R189,R191,R192,R194, R195,R196,R197,R198,R200, R202,R204,R206,R207,R208, R209,R217,R221,R224,R235, R237,R351,R352,R353,R355, R360,R362,R363,R364,R366, R370,R372,R373,R376,R377, R378,R383,R384,R387,R388, R393,R395,R403,R404,R406, R411,R413,R414,R415,R417, R422,R424	10.0K	271-10K
13	9	R2,R11,R127,R142,R173, R188,R219,R234,R350	1.00K	271-1K

```

74: 14 4 R3,R141,R187,R233 20K 72-T20YP-20K
75: 15 2 R4,R9 10 271-10
76: 16 1 R5 30K 271-30K
77: 17 159 R7,R8,R118,R119,R120, 100K 271-100K
78: R122,R124,R126,R130,R136,
79: R137,R138,R164,R165,R166,
80: R168,R170,R172,R176,R182,
81: R183,R184,R210,R211,R212,
82: R214,R216,R218,R222,R228,
83: R229,R230,R239,R240,R241,
84: R242,R243,R244,R245,R246,
85: R247,R248,R249,R250,R251,
86: R252,R254,R255,R256,R258,
87: R259,R260,R261,R262,R263,
88: R264,R265,R266,R267,R268,
89: R269,R270,R271,R272,R273,
90: R274,R275,R276,R277,R278,
91: R279,R280,R281,R282,R283,
92: R284,R285,R286,R287,R288,
93: R289,R291,R292,R293,R295,
94: R296,R297,R298,R299,R300,
95: R301,R302,R303,R304,R305,
96: R306,R307,R308,R309,R310,
97: R311,R312,R313,R314,R315,
98: R316,R317,R318,R319,R320,
99: R321,R322,R323,R324,R325,
100: R326,R328,R329,R330,R332,
101: R333,R334,R335,R336,R337,
102: R338,R339,R340,R341,R342,
103: R343,R344,R345,R346,R347,
104: R348,R349,R356,R357,R359,
105: R367,R368,R371,R379,R380,
106: R382,R389,R390,R392,R396,
107: R397,R398,R399,R407,R409,
108: R410,R418,R420,R421
109: 18 1 R10 180K 271-180K
110: 19 1 R12 20K 271-20K
111: 20 6 R107,R109,R153,R155,R199, OPT
112: R201
113: 21 15 R111,R113,R157,R159,R203, 49.9K 271-49.9K
114: R205,R354,R365,R375,R386,
115: R400,R401,R402,R405,R416
116: 22 3 R121,R167,R213 620 271-620
117: 23 12 R123,R135,R169,R181,R215, 2.2M 271-2.2M
118: R227,R358,R369,R381,R391,
119: R408,R419
120: 24 3 R128,R174,R220 270 271-270
121: 25 3 R131,R177,R223 4.99K 271-4.99K
122: 26 3 R134,R180,R226 2.00K 271-2K
123: 27 3 R139,R185,R231 100 72-T20YP-100
124: 28 3 R140,R186,R232 90.9K 271-90.9K
125: 29 3 R144,R190,R236 390 271-390
126: 30 1 R238 1M 271-1M
127: 31 6 R253,R257,R290,R294,R327, 390K 271-390K
128: R331
129: 32 6 R361,R374,R385,R394,R412, 200 271-200
130: R423
131: 33 31 U1,U21,U23,U24,U30,U31, TL072 511-TL072CN
132: U32,U38,U40,U41,U43,U44,
133: U45,U46,U47,U48,U49,U50,
134: U51,U52,U53,U54,U55,U56,
135: U57,U60,U62,U63,U64,U67,
136: U68
137: 34 1 U2 LM336
138: 35 13 U3,U16,U18,U19,U25,U27, TL071 511-TL071CN
139: U28,U33,U35,U36,U42,U59,
140: U65
141: 36 9 U17,U20,U26,U29,U34,U37, CA3280E CA3280E
142: U58,U61,U66
143:

```