

		2N2/40+ Parts	revised for 11/23/2003 schematics		
mouser p/n	QTY	References	Value	Comments	Item #
		Semi's			
512-1N4004	1	D6	1N4004		1
512-1N4148	19	D1,2,3,4,11,12,13,16, 17,18,19,20,21,22,23,24,25,27,28	1N4148	D1-D4 Matched	2
512-1N4735A	1	D5	1N4735A		3
512-1N4744A	1	D29	1N4744A		4
512-1N4752A	1	D26	1N4752A		5
604-L1503EC	3	D8,14,15	2v LED	Mouser pn 512-HLMP 1790	6
MAC	2	D9,10	MV1662		7
DIZ	1	D30	MV209		8
DIZ	1	D7	MVAM109	Equiv? NTE618 or 1SV149	9
	0	<was D19,20>	1N34A	changed to 1N4148	10
511-PN2222A	18	Q1-12,14,15,16 Q17,22,23	2N2222		11
511-2N2222A	4	Q18,19,20,21	2N2222A	metal	12
512-J176	1	Q13	J176		13
512-2N7000	1	Q24	2N7000		14
		Inductors/Transformers			
434-22-220	1	L4	22uH		15
434-22-390	2	L3,7	39uH		16
434-22-101	3	L2,5,6	100uH	Mouser pn 434-22-101	17
42KM003	1	T10	1200CT-8	Mouser 42TL003 or 42TM003	18
DIZ	9	L8,T3,T4,T6,T7,T8 T9,T11,T14	FT-37-43		19
DIZ	1	T5	FT-37-61		20
DIZ	4	T1,T2,T12,T13	T37-2		21
DIZ	1	L1	T50-7		22
623-264-3002402	1	FB1	Mix 43	Ferrite Bead	23
		Fixed Value Caps			
140-PF2A102J	2	C10,11	0.001uF	5% Poly (C10&C11)	24
	2	C51,71	0.001uF	????	25
581-SA105E103M	11	C4,15,17,26,54 C55,57,58 C60,70,72	0.01uF		26
5989-100V.82	1	C36	0.082uF		27
21RX310	5	C14,16,27,28,43	0.1uF		28
21RX421	1	C45	0.02uF		29
1432-1224	22	C5,6,18,23,24,32,35,37 C38,39,40,41,42,44,47 C59,61,62,63,64,65,66	0.22uF	Can be 0.1uF mono (#64)	30

1431-2474J	2	C31,46	4.7uF		31
75-515D25V10	1	C73	10uF+		32
75-515-D16V470	3	C29,30,33	470uF		33
10TCCV33	1	C3	3pF		34
581-SR151A470J	1	C9	47pF	C9 NP0	35
581-SR151A470J	2	C19,50	47pF	(p/n is for NP0)	36
581-SR151A101J	4	C1,2,20,48	100pF		37
581-SR151A121J	1	C7	120pF	C7 NP0	38
581-SR151A121J	1	C56	120pF	(p/n is for NP0)	39
581-SR151A181J	4	C21,22,34,49	180pF		40
581-SR151A221J	1	C13	220pF	C13 NP0	41
581-SR151A271J	1	C53	270pF		42
23PS133	1	C8	330pF	C8 polystyrene 5%	43
581-SR151A331J	1	C12	330pF	???? p/n is for NP0 100v	44
5982-15-500V330	1	C67	330pF	Silver mica	45
581-SR151A391J	1	C52	390pF	???? p/n is for NP0 100v	46
5982-15-500V430	1	C69	430pF	Silver mica	47
581-SR151A681J	1	C25	680pF	???? p/n is for NP0 100v	48
5982-15-300V820	1	C68	820pF	Silver mica	49
		Trimmer Caps			
659-GKG70011	7	TC1,2,5,6,7,8,9	11-70pF		50
659-GKG10011	1	TC3	3-10pF		51
659-GKG50011	1	TC10	5-50pF		52
659-GKG50011	1	TC4	8-50pF		53
		Pots			
	1	POT4	100	????	54
31VM401	1	POT3	10K	pot3/sw1	55
31VC401	1	POT2	10K		56
652-3590S-1-203	1	POT1	20K-10T		57
313-2000-1K	1	R76	1K	RIT mouser p/n 313-2000-1K	58
		Fixed Value Resistors			
660-CF1/4L2R2J	3	R63,64,65	2.2	(2.0 OK #1570)	59
660-CF1/4L100J	1	R60	10		60
660-CF1/4L270J	1	R21	27		61
660-CF1/4L330J	1	R34	33		62
660-CF1/4L470J	3	R12,36,37	47		63
660-CF1/4L680J	1	R11	68		64
660-CF1/4L101J	4	R46,57,61,62	100		65
660-CF1/4L151J	1	R16	150		66
660-CF1/4L271J	1	R38	270		67
660-CF1/4L331J	3	R35,47,52	330		68
660-CF1/4L391J	2	R9,48	390		69
660-CF1/4L471J	4	R15,28,30,31	470		70

660-CF1/4L561J	1	R1	560		71
660-CF1/4L681J	1	R25	680		72
660-CF1/4L102J	6	R5,7,24,26,45,51	1K		73
660-CF1/4L152J	3	R59,73,74	1.5K		74
660-CF1/4L182J	1	R39	1.8K		75
660-CF1/4L222J	1	R54	2.2K		76
660-CF1/4L272J	5	R22,32,33,66,69	2.7K		77
660-CF1/4L472J	2	R14,67	4.7K		78
660-CF1/4L562J	2	R3,13	5.6K		79
660-CF1/4L682J	1	R58	6.8K		80
660-CF1/4L103J	10	R4,6,18,41,44	10K		81
		R50,53,55,56,70			82
660-CF1/4L153J	3	R10,17,49	15K		83
660-CF1/4L273J	1	R68	27K		84
660-CF1/4L333J	3	R43,71,72	33K		85
660-CF1/4L393J	2	R27,29	39K		86
660-CF1/4L473J	3	R2,23,75	47K		87
660-CF1/4L104J	2	R19,20	100K		88
660-CF1/4L224J	1	R8	220K		89
660-CF1/4L105J	2	R40,42	1M		90
		Misc.			
504-GMA-3	1	F1	3A		91
559-FOX049-20	5	Y1-Y5	4.915MHz		92
	1	LS1	SPEAKER		93
	1	S1 (incl with POT3)	SPST		94
532-322400B00	4	Heatsink			95
623-264-3002402	1	mix 43 bead			96
16-3402	1	phone jack		???? bad p/n	97
16PJ135	1	key jack			98

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mouser p/n	QTY
512-1N4004	1
512-1N4148	19
512-1N4735A	1
512-1N4744A	1
512-1N4752A	1
604-L1503EC	3
511-PN2222A	18
511-2N2222A	4
512-J176	1
512-2N7000	1
434-22-220	1
434-22-390	2
434-22-101	3
42KM003	1
623-264-3002402	1
140-PF2A102J	2
581-SA105E103M	11
5989-100V.82	1
21RX310	5
21RX421	1
1432-1224	22
1431-2474J	2
75-515D25V10	1
75-515-D16V470	3
10TCCV33	1
581-SR151A470J	1
581-SR151A470J	2
581-SR151A101J	4
581-SR151A121J	1
581-SR151A121J	1
581-SR151A181J	4
581-SR151A221J	1
581-SR151A271J	1
23PS133	1
581-SR151A331J	1
5982-15-500V330	1
581-SR151A391J	1
5982-15-500V430	1
581-SR151A681J	1
5982-15-300V820	1
659-GKG70011	7
659-GKG10011	1
659-GKG50011	1
659-GKG50011	1
31VM401	1

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31VC401	1
652-3590S-1-203	1
313-2000-1K	1
660-CF1/4L2R2J	3
660-CF1/4L100J	1
660-CF1/4L270J	1
660-CF1/4L330J	1
660-CF1/4L470J	3
660-CF1/4L680J	1
660-CF1/4L101J	4
660-CF1/4L151J	1
660-CF1/4L271J	1
660-CF1/4L331J	3
660-CF1/4L391J	2
660-CF1/4L471J	4
660-CF1/4L561J	1
660-CF1/4L681J	1
660-CF1/4L102J	6
660-CF1/4L152J	3
660-CF1/4L182J	1
660-CF1/4L222J	1
660-CF1/4L272J	5
660-CF1/4L472J	2
660-CF1/4L562J	2
660-CF1/4L682J	1
660-CF1/4L103J	10
660-CF1/4L153J	3
660-CF1/4L273J	1
660-CF1/4L333J	3
660-CF1/4L393J	2
660-CF1/4L473J	3
660-CF1/4L104J	2
660-CF1/4L224J	1
660-CF1/4L105J	2
504-GMA-3	1
559-FOX049-20	5
532-322400B00	4
623-264-3002402	1
16PJ135	1