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NorCal 2N2/XX V1.2.09 20 Meter Parts List

Sort	Qty	Part Value	Part Name	Part Type	Part Number	Part Supplier
1	8	0 pf	C47, C49, C51, C111, C112, C113, C114, C115	Ceramic Capacitor NPO	Not Used	
2	1	2.2 pf	C19	Ceramic Capacitor NPO	140-50N5-2R2C-TB-RC	Mouser
3	1	22 pf	C109	Ceramic Capacitor NPO	140-50N5-220J-TB-RC	Mouser
4	1	27 pf	C71	Ceramic Capacitor NPO	140-50N5-270J-TB-RC	Mouser
5	2	47 pf	C74, C108	Ceramic Capacitor NPO	140-50N5-470J-TB-RC	Mouser
6	1	56 pf	C64	Ceramic Capacitor NPO	140-50N5-560J-TB-RC	Mouser
7	4	68 pf	C7, C32, C85, C106	Ceramic Capacitor NPO	140-50N5-680J-TB-RC	Mouser
8	2	82 pf	C16, C24	Ceramic Capacitor NPO	140-50N5-820J-TB-RC	Mouser
9	3	100 pf	C2, C66, C68	Ceramic Capacitor NPO	140-50N5-101J-TB-RC	Mouser
10	3	150 pf	C3, C69, C80	Ceramic Capacitor NPO	140-50N5-151J-TB-RC	Mouser
11	3	180 pf	C48, C50, C65	Ceramic Capacitor NPO	140-50N5-181J-TB-RC	Mouser
12	6	220 pf	C34, C35, C53, C54, C56, C57	Ceramic Capacitor NPO	140-50N5-221J-TB-RC	Mouser
13	2	270 pf	C84, C95	Ceramic Capacitor NPO	140-50N5-271J-TB-RC	Mouser
14	5	680 pf	C36, C37, C39, C52, C55	Ceramic Capacitor NPO	80C322C681J2G	Mouser
15	2	1000 pf	C76, C77	Polystyrene Capacitor	23PS210	Mouser
16	2	1200 pf	C17, C91	Ceramic Capacitor NPO	80C322C122J2G	Mouser
17	9	0.01 uf	C4, C5, C22, C27, C33, C40, C93, C94, C110	Ceramic Capacitor X7R	80-C317C103K5R	Mouser
18	42	0.1 uf	C1, C8, C11, C12, C13, C14, C15, C18, C20, C21, C25, C28, C31, C41, C42, C43, C44, C45, C46, C59, C60, C61, C62, C63, C67, C70, C78, C81, C83, C86, C87, C88, C89, C90, C96, C97, C99, C100, C101, C102, C103, C104	Ceramic Capacitor X7R	80-C322C104K5R	Mouser
19	2	1 uf	C26, C30	Tantalum Capacitor	80-T350A105K035AT	Mouser
20	2	10 uf	C23, C82	Electrolytic Capacitor	140-XRL25V10-RC	Mouser
21	6	100 uf	C6, C9, C10, C29, C38, C98	Electrolytic Capacitor	140-XRL25V100-RC	Mouser
22						
23	19	1N4448	D1, D2, D3, D4, D5, D6, D7, D12, D13, D14, D15, D16, D17, D19, D20, D21, D22, D23, D24	Signal Diode	512-1N4448TR	Mouser
24	1	MV1662	D10	Tuning Diode	MV1662	Hosfelt Electronics
25	1	MV209	D11	Tuning Diode	863-MV209G	Mouser
26	1	SB320	D18	Power Diode	625-SB320	Mouser
27	1	1N4007	D8	Power Diode	625-1N4007-E3	Mouser
28	1	1N4735A	D9	Zener Diode 6.2V	512-1N4735A	Mouser
29						
30	4	T37-6	L1, L2, L5, L8	Toroid Core (Yellow)		Micro Metals
31	1	T50-7	L13	Toroid Core (White)		Micro Metals
32	2	2.7 uH	L7, L9	Molded Inductor	434-22-2R7	Mouser
33	1	5.6 uH	L15	Molded Inductor	434-22-5R6	Mouser
34	2	8.2 uH	L3, L4	Molded Inductor	434-22-8R2	Mouser
35	1	10 uH	L17	Molded Inductor	434-22-100	Mouser
36	1	100 uH	L14	Molded Inductor	434-22-101	Mouser
37	1	1 mH	L10	Molded Inductor	434-22-102	Mouser
38						
39	3	ADE-1	M1, M2, M3	Mixer	ADE-1	MiniCircuits
40						
41	15	PN2222	Q1, Q3, Q4, Q5, Q6, Q9, Q10, Q11, Q14, Q15, Q16, Q17, Q18, Q19, Q21	NPN TO92	512-PN2222ABU	Mouser
42	2	MPSH10	Q12, Q13	NPN TO92	863-MPSH10G	Mouser
43	1	2N2219A	Q2	NPN TO39	511-2N2219A	Mouser
44	1	2N4124	Q20	NPN TO92	512-2N4124BU	Mouser
45	1	2N7000	Q24	MOSFET TO92	512-2N7000	Mouser
46	1	2SC5739	Q25	NPN TO220	2SC57390P-ND	DigiKey
47	1	J176	Q7	JFET TO92	512-J176	Mouser
48	1	PN2907A	Q8	PNP TO92	512-PN2907ABU	Mouser
49						
50	1	5.6	R82	Resistor ¼ watt	660-CF1/4C5R6J	Mouser
51	6	8.2	R37, R38, R39, R40, R92, R93	Resistor ¼ watt	660-CF1/4C8R2J	Mouser
52	1	10	R48	Resistor ¼ watt	660-CF1/4C100J	Mouser
53	3	18	R31, R49, R83	Resistor ¼ watt	660-CF1/4C180J	Mouser
54	8	27	R29, R30, R47, R65, R67, R72, R84, R86	Resistor ¼ watt	660-CF1/4C270J	Mouser
55	8	51	R8, R25, R28, R32, R63, R66, R79, R81	Resistor ¼ watt	660-CF1/4C510J	Mouser
56	7	100	R3, R19, R24, R36, R64, R69, R91	Resistor ¼ watt	660-CF1/4C101J	Mouser

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57	3	150	R41, R45, R94	Resistor ¼ watt	660-CF1/4C151J	Mouser
58	4	220	R9, R10, R11, R20	Resistor ¼ watt	660-CF1/4C221J	Mouser
59	4	270	R2, R52, R71, R95	Resistor ¼ watt	660-CF1/4C271J	Mouser
60	2	820	R7, R27	Resistor ¼ watt	660-CF1/4C821J	Mouser
61	4	1K	R18, R23, R35, R61	Resistor ¼ watt	660-CF1/4C102J	Mouser
62	5	1.5K	R34, R50, R51, R60, R76	Resistor ¼ watt	660-CF1/4C152J	Mouser
63	4	2.2K	R4, R26, R85, R96	Resistor ¼ watt	660-CF1/4C222J	Mouser
64	2	2.7K	R5, R6	Resistor ¼ watt	660-CF1/4C272J	Mouser
65	4	3.3K	R33, R46, R62, R68	Resistor ¼ watt	660-CF1/4C332J	Mouser
66	4	4.7K	R17, R75, R89, R90	Resistor ¼ watt	660-CF1/4C472J	Mouser
67	1	5.6K	R58	Resistor ¼ watt	660-CF1/4C562J	Mouser
68	7	10K	R1, R16, R22, R44, R55, R59, R70	Resistor ¼ watt	660-CF1/4C103J	Mouser
69	2	15K	R74, R88	Resistor ¼ watt	660-CF1/4C153J	Mouser
70	2	27K	R42, R43	Resistor ¼ watt	660-CF1/4C273J	Mouser
71	1	33K	R21	Resistor ¼ watt	660-CF1/4C333J	Mouser
72	4	47K	R12, R13, R56, R57	Resistor ¼ watt	660-CF1/4C473J	Mouser
73	2	1M	R15, R73	Resistor ¼ watt	660-CF1/4C105J	Mouser
74	1	2.2M	R14	Resistor ¼ watt	660-CF1/4C225J	Mouser
75						
76	1	1K	R53	Potentiometer Linear Ctr Detent	313-2000F-1K	Mouser
77	1	1K	R77	Potentiometer Audio	31JA301-F	Mouser
78	1	10K	R80	Potentiometer Audio	31JA401-F	Mouser
79	1	10K	R54	Potentiometer Linear 10-turn	652-3590S-2-103L	Mouser
80						
81	1	100	R87	Trimmer Potentiometer	652-3318F-1-101	Mouser
82	1	2K	R78	Trimmer Potentiometer	652-3318F-1-202	Mouser
83						
84	2	T37-6	T7, T8	Toroid Core (Yellow)		Micro Metals
85	7	FT37-43	T1, T2, T4, T6, T9, T10, T11	Toroid Core (Shiny Gray)		Micro Metals
86	1	FT37-61	T5	Toroid Core (Dull Gray)		Micro Metals
87	1	Audio Transformer	T3	500CT:8 Ohm	42TM001-RC	Mouser
88						
89	1	5-60 pf NPO	TC6	Trimmer Capacitor	81-TZ03Z500F169B00	Mouser
90	8	70 pf	TC1, TC2, TC3, TC4, TC5, TC7, TC9, TC10	Trimmer Capacitor	659-GKG70015	Mouser
91						
92	8	11.0000 MHz	X1, X2, X3, X4, X5, X6, X7, X8	Crystal	559-FOX111-LF	Mouser
93						
94	2	Connector	3.5 mm (1/8 inch)	Stereo Phone Jack	161-3402-E	Mouser
95	1	Connector	2.1 mm center pin	Power Jack	163-4304-E	Mouser
96	1	Connector	With ground lug	BNC Panel Mount	161-9323	Mouser
97			Note: BNC Panel Mount from Hosfelt Electronics		952	Hosfelt Electronics
98						
99	2	Hardware		Test Point Terminal	534-1035	Mouser
100	1	Hardware	4-40 thread, 1 inch length	Nylon Screw	561-P440-1	Mouser
101	1	Hardware	4-40 thread	Nylon Nut	561-G440	Mouser
102	2	Hardware	8-32 thread	Shoulder Washer	561-SW8	Mouser
103	4	Hardware	½ inch X ¼ inch	Square Tapered Bumper	517-SJ-5023BK	Mouser
104	1	Hardware	1.39" inch diameter	Black Knob	450-2039-GRX	Mouser
105	3	Hardware	0.77 inch diameter	Black Knob	450-2035-GRX	Mouser
106	4	Hardware	4-40 thread, 1 inch length	Female Threaded Standoff	91780A167	McMaster-Carr
107	4	Hardware	4-40 thread, 1 inch length	Male-Female Threaded Standoff	93505A436	McMaster-Carr
108	2	Hardware	Note: 10 units/package	Polypropylene Draw Latch	1891A48	McMaster-Carr
109	8	Hardware	2-56 thread, 5/16 inch length, Note: 100/package	Flat Head Machine Screw	91771A078	McMaster-Carr
110	8	Hardware	#2 internal tooth lock washer, Note: 100/package	Lock Washer	98449A500	McMaster-Carr
111	8	Hardware	2-56 thread, Note: 100/package	Hex Nut	91841A003	McMaster-Carr
112	1	Hardware	4-40 thread, ½ inch length, Note: 100/package	Flat Head Machine Screw	91771A110	McMaster-Carr
113	5	Hardware	#4 internal-tooth lock washer, Note: 100/package	Lock Washer	98449A510	McMaster-Carr
114	1	Hardware	4-40 thread, Note: 100/package	Hex Nut	91841A005	McMaster-Carr
115	8	Hardware	4-40 thread, ¼ inch length, Note: 100/package	Flat Head Machine Screw	91771A106	McMaster-Carr
116	4	Hardware	4-40 thread, 5/16 inch length, Note: 100/package	Pan Head Machine Screw	91772A107	McMaster-Carr
117	4	Hardware	#4, 1/8 inch length, unthreaded round spacer, Note: 10/package	Aluminum Spacer	92510A688	McMaster-Carr
118	1	Hardware		Case	NorCal 2N2/XX	TenTec

NorCal 2N2/XX V1.2.09 30 Meter Parts List

Sort	Qty	Part Value	Part Name	Part Type	Part Number	Part Supplier
1	5	0 pf	C111, C112, C113, C114, C115	Ceramic Capacitor NPO	Not Used	
2	1	3.3 pf	C19	Ceramic Capacitor NPO	81-RPE5C2A3R3C2P1B03	Mouser
3	2	27 pf	C71, C109	Ceramic Capacitor NPO	140-50N5-270J-TB-RC	Mouser
4	2	33 pf	C49, C64	Ceramic Capacitor NPO	140-50N5-330J-TB-RC	Mouser
5	4	47 pf	C51, C74, C85, C95	Ceramic Capacitor NPO	140-50N5-470J-TB-RC	Mouser
6	1	68 pf	C84	Ceramic Capacitor NPO	140-50N5-680J-TB-RC	Mouser
7	7	100 pf	C7, C32, C34, C53, C54, C66, C108	Ceramic Capacitor NPO	140-50N5-101J-TB-RC	Mouser
8	3	120 pf	C16, C24, C106	Ceramic Capacitor NPO	140-50N5-121J-TB-RC	Mouser
9	5	150 pf	C2, C35, C56, C57, C68	Ceramic Capacitor NPO	140-50N5-151J-TB-RC	Mouser
10	2	180 pf	C65, C80	Ceramic Capacitor NPO	140-50N5-181J-TB-RC	Mouser
11	3	220 pf	C3, C50, C69	Ceramic Capacitor NPO	140-50N5-221J-TB-RC	Mouser
12	1	330 pf	C47	Ceramic Capacitor NPO	80-C322C331J2G	Mouser
13	5	390 pf	C36, C37, C39, C52, C55	Ceramic Capacitor NPO	80-C322C391J2G	Mouser
14	1	560 pf	C48	Ceramic Capacitor NPO	80-C322C561J2G	Mouser
15	2	1000 pf	C76, C77	Polystyrene Capacitor	23PS210	Mouser
16	2	1500 pf	C17, C91	Ceramic Capacitor NPO	80-C322C152J2G	Mouser
17	9	0.01 uf	C4, C5, C22, C27, C33, C40, C93, C94, C110	Ceramic Capacitor X7R	80-C317C103K5R	Mouser
18	42	0.1 uf	C1, C8, C11, C12, C13, C14, C15, C18, C20, C21, C25, C28, C31, C41, C42, C43, C44, C45, C46, C59, C60, C61, C62, C63, C67, C70, C78, C81, C83, C86, C87, C88, C89, C90, C96, C97, C99, C100, C101, C102, C103, C104	Ceramic Capacitor X7R	80-C322C104K5R	Mouser
19	2	1 uf	C26, C30	Tantalum Capacitor	80-T350A105K035AT	Mouser
20	2	10 uf	C23, C82	Electrolytic Capacitor	140-XRL25V10-RC	Mouser
21	6	100 uf	C6, C9, C10, C29, C38, C98	Electrolytic Capacitor	140-XRL25V100-RC	Mouser
22						
23	19	1N4448	D1, D2, D3, D4, D5, D6, D7, D12, D13, D14, D15, D16, D17, D19, D20, D21, D22, D23, D24	Signal Diode	512-1N4448TR	Mouser
24	1	MV1662	D10	Tuning Diode	MV1662	Hosfelt Electronics
25	1	MV209	D11	Tuning Diode	863-MV209G	Mouser
26	1	SB320	D18	Power Diode	625-SB320	Mouser
27	1	1N4007	D8	Power Diode	625-1N4007-E3	Mouser
28	1	1N4735A	D9	Zener Diode 6.2V	512-1N4735A	Mouser
29						
30	4	T37-6	L1, L2, L5, L8	Toroid Core (Yellow)		Micro Metals
31	1	T50-7	L13	Toroid Core (White)		Micro Metals
32	2	3.9 uH	L7, L9	Molded Inductor	434-22-3R9	Mouser
33	1	8.2 uH	L15	Molded Inductor	434-22-8R2	Mouser
34	1	10 uH	L17	Molded Inductor	434-22-100	Mouser
35	2	12 uH	L3, L4	Molded Inductor	434-22-120	Mouser
36	1	100 uH	L14	Molded Inductor	434-22-101	Mouser
37	1	1 mH	L10	Molded Inductor	434-22-102	Mouser
38						
39	3	ADE-1	M1, M2, M3	Mixer	ADE-1	MiniCircuits
40						
41	15	PN2222	Q1, Q3, Q4, Q5, Q6, Q9, Q10, Q11, Q14, Q15, Q16, Q17, Q18, Q19, Q21	NPN TO92	512-PN2222ABU	Mouser
42	2	MPSH10	Q12, Q13	NPN TO92	863-MPSH10G	Mouser
43	1	2N2219A	Q2	NPN TO39	511-2N2219A	Mouser
44	1	2N4124	Q20	NPN TO92	512-2N4124BU	Mouser
45	1	2N7000	Q24	MOSFET TO92	512-2N7000	Mouser
46	1	2SC5739	Q25	NPN TO220	2SC57390P-ND	DigiKey
47	1	J176	Q7	JFET TO92	512-J176	Mouser
48	1	PN2907A	Q8	PNP TO92	512-PN2907ABU	Mouser
49						
50	1	5.6	R82	Resistor ¼ watt	660-CF1/4C5R6J	Mouser
51	4	8.2	R39, R40, R92, R93	Resistor ¼ watt	660-CF1/4C8R2J	Mouser
52	1	10	R48	Resistor ¼ watt	660-CF1/4C100J	Mouser
53	3	18	R31, R49, R83	Resistor ¼ watt	660-CF1/4C180J	Mouser
54	2	22	R37, R38	Resistor ¼ watt	660-CF1/4C220J	Mouser
55	7	27	R30, R47, R65, R67, R72, R84, R86	Resistor ¼ watt	660-CF1/4C270J	Mouser
56	8	51	R8, R25, R28, R32, R63, R66, R79, R81	Resistor ¼ watt	660-CF1/4C510J	Mouser
57	1	75	R29	Resistor ¼ watt	660-CF1/4C750J	Mouser

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58	7	100	R3, R19, R24, R36, R64, R69, R91	Resistor ¼ watt	660-CF1/4C101J	Mouser
59	2	150	R41, R94	Resistor ¼ watt	660-CF1/4C151J	Mouser
60	4	220	R9, R10, R11, R20	Resistor ¼ watt	660-CF1/4C221J	Mouser
61	4	270	R2, R52, R71, R95	Resistor ¼ watt	660-CF1/4C271J	Mouser
62	1	390	R45	Resistor ¼ watt	660-CF1/4C391J	Mouser
63	2	820	R7, R27	Resistor ¼ watt	660-CF1/4C821J	Mouser
64	4	1K	R18, R23, R35, R61	Resistor ¼ watt	660-CF1/4C102J	Mouser
65	5	1.5K	R34, R50, R51, R60, R76	Resistor ¼ watt	660-CF1/4C152J	Mouser
66	4	2.2K	R4, R26, R85, R96	Resistor ¼ watt	660-CF1/4C222J	Mouser
67	2	2.7K	R5, R6	Resistor ¼ watt	660-CF1/4C272J	Mouser
68	4	3.3K	R33, R46, R62, R68	Resistor ¼ watt	660-CF1/4C332J	Mouser
69	4	4.7K	R17, R75, R89, R90	Resistor ¼ watt	660-CF1/4C472J	Mouser
70	1	5.6K	R58	Resistor ¼ watt	660-CF1/4C562J	Mouser
71	7	10K	R1, R16, R22, R44, R55, R59, R70	Resistor ¼ watt	660-CF1/4C103J	Mouser
72	2	15K	R74, R88	Resistor ¼ watt	660-CF1/4C153J	Mouser
73	2	27K	R42, R43	Resistor ¼ watt	660-CF1/4C273J	Mouser
74	1	33K	R21	Resistor ¼ watt	660-CF1/4C333J	Mouser
75	4	47K	R12, R13, R56, R57	Resistor ¼ watt	660-CF1/4C473J	Mouser
76	2	1M	R15, R73	Resistor ¼ watt	660-CF1/4C105J	Mouser
77	1	2.2M	R14	Resistor ¼ watt	660-CF1/4C225J	Mouser
78						
79	1	1K Linear	R53	Potentiometer Linear Ctr Detent	313-2000F-1K	Mouser
80	1	1K Audio	R77	Potentiometer Audio	31JA301-F	Mouser
81	1	10K Audio	R80	Potentiometer Audio	31JA401-F	Mouser
82	1	10K	R54	Potentiometer Linear 10-turn	652-3590S-2-103L	Mouser
83						
84	1	100	R87	Trimmer Potentiometer	652-3318F-1-101	Mouser
85	1	2K	R78	Trimmer Potentiometer	652-3318F-1-202	Mouser
86						
87	2	T37-2	T7, T8	Toroid Core (Red)		Micro Metals
88	7	FT37-43	T1, T2, T4, T6, T9, T10, T11	Toroid Core (Shiny Gray)		Micro Metals
89	1	FT37-61	T5	Toroid Core (Dull Gray)		Micro Metals
90	1	Audio Transformer	T3	500CT:8 Ohm	42TM001-RC	Mouser
91						
92	1	5-60 pf NPO	TC6,	Trimmer Capacitor	81-TZ03Z500F169B00	Mouser
93	8	70 pf	TC1, TC2, TC3, TC4, TC5, TC7, TC9, TC10	Trimmer Capacitor	659-GKG70015	Mouser
94						
95	8	7.3728 MHz	X1, X2, X3, X4, X5, X6, X7, X8	Crystal	559-FOX073-LF	Mouser
96						
97	2	Connector	3.5 mm (1/8 inch)	Stereo Phone Jack	161-3402-E	Mouser
98	1	Connector	2.1 mm center pin	Power Jack	163-4304-E	Mouser
99	1	Connector	With ground lug	BNC Panel Mount	161-9323	Mouser
100			Note: BNC Panel Mount from Hosfelt Electronics		952	Hosfelt Electronics
101						
102	2	Hardware		Test Point Terminal	534-1035	Mouser
103	1	Hardware	4-40 thread, 1 inch length	Nylon Screw	561-P440-1	Mouser
104	1	Hardware	4-40 thread	Nylon Nut	561-G440	Mouser
105	2	Hardware	6-32 thread	Shoulder Washer	561-SW6	Mouser
106	4	Hardware	½ inch X ¼ inch	Square Tapered Bumper	517-SJ-5023BK	Mouser
107	1	Hardware	1.39" inch diameter	Black Knob	450-2039-GRX	Mouser
108	3	Hardware	0.77 inch diameter	Black Knob	450-2035-GRX	Mouser
109	4	Hardware	4-40 thread, 1 inch length	Female Threaded Standoff	91780A167	McMaster-Carr
110	4	Hardware	4-40 thread, 1 inch length	Male-Female Threaded Standoff	93505A436	McMaster-Carr
111	2	Hardware	Note: 10 units/package	Polypropylene Draw Latch	1891A48	McMaster-Carr
112	8	Hardware	2-56 thread, 5/16 inch length, Note: 100/package	Flat Head Machine Screw	91771A078	McMaster-Carr
113	8	Hardware	#2 internal tooth lock washer, Note: 100/package	Lock Washer	98449A500	McMaster-Carr
114	8	Hardware	2-56 thread, Note: 100/package	Hex Nut	91841A003	McMaster-Carr
115	1	Hardware	4-40 thread, ½ inch length, Note: 100/package	Flat Head Machine Screw	91771A110	McMaster-Carr
116	5	Hardware	#4 internal-tooth lock washer, Note: 100/package	Lock Washer	98449A510	McMaster-Carr
117	1	Hardware	4-40 thread, Note: 100/package	Hex Nut	91841A005	McMaster-Carr
118	8	Hardware	4-40 thread, ¼ inch length, Note: 100/package	Flat Head Machine Screw	91771A106	McMaster-Carr
119	4	Hardware	4-40 thread, 5/16 inch length, Note: 100/package	Pan Head Machine Screw	91772A107	McMaster-Carr
120	4	Hardware	#4, 1/8 inch length, unthreaded round spacer, Note: 10/package	Aluminum Spacer	92510A688	McMaster-Carr
121	1	Hardware		Case	NorCal 2N2/XX	TenTec

NorCal 2N2/XX V1.2.09 40 Meter Parts List

Sort	Qty	Part Value	Part Name	Part Type	Part Number	Part Supplier
1	5	0 pf	C111, C112, C113, C114, C115	Ceramic Capacitor NPO	Not Used	
2	1	4.7 pf	C19	Ceramic Capacitor NPO	140-50N5-4R7C-TB-RC	Mouser
3	1	27 pf	C71	Ceramic Capacitor NPO	140-50N5-270J-TB-RC	Mouser
4	1	33 pf	C85	Ceramic Capacitor NPO	140-50N5-330J-TB-RC	Mouser
5	1	39 pf	C109	Ceramic Capacitor NPO	140-50N5-390J-TB-RC	Mouser
6	1	47 pf	C74	Ceramic Capacitor NPO	140-50N5-470J-TB-RC	Mouser
7	3	56 pf	C35, C56, C57	Ceramic Capacitor NPO	140-50N5-560J-TB-RC	Mouser
8	3	100 pf	C51, C64, C66	Ceramic Capacitor NPO	140-50N5-101J-TB-RC	Mouser
9	3	120 pf	C34, C53, C54	Ceramic Capacitor NPO	140-50N5-121J-TB-RC	Mouser
10	3	150 pf	C7, C32, C108	Ceramic Capacitor NPO	140-50N5-151J-TB-RC	Mouser
11	5	180 pf	C16, C24, C49, C50, C106	Ceramic Capacitor NPO	140-50N5-181J-TB-RC	Mouser
12	3	220 pf	C2, C68, C84	Ceramic Capacitor NPO	140-50N5-221J-TB-RC	Mouser
13	8	270 pf	C36, C37, C39, C47, C52, C55, C65, C95	Ceramic Capacitor NPO	140-50N5-271J-TB-RC	Mouser
14	2	330 pf	C3, C69	Ceramic Capacitor NPO	80-C322C331J2G	Mouser
15	1	360 pf	C80	Ceramic Capacitor NPO	81-RPE5C1H361J2P1A03	Mouser
16	1	680 pf	C48	Ceramic Capacitor NPO	80-C322C681J2G	Mouser
17	2	1000 pf	C76, C77	Polystyrene Capacitor	23PS210	Mouser
18	2	2200 pf	C17, C91	Ceramic Capacitor NPO	80-C322C222J2G	Mouser
19	9	0.01 uf	C4, C5, C22, C27, C33, C40, C93, C94, C110	Ceramic Capacitor X7R	80-C317C103K5R	Mouser
20	38	0.1 uf	C1, C8, C11, C12, C13, C14, C15, C18, C20, C21, C25, C28, C31, C41, C42, C43, C44, C45, C46, C59, C60, C61, C62, C63, C67, C70, C78, C81, C83, C87, C96, C97, C99, C100, C101, C102, C103, C104	Ceramic Capacitor X7R	80-C322C104K5R	Mouser
21	2	1 uf	C26, C30	Tantalum Capacitor	80-T350A105K035AT	Mouser
22	2	10 uf	C23, C82	Electrolytic Capacitor	140-XRL25V10-RC	Mouser
23	6	100 uf	C6, C9, C10, C29, C38, C98	Electrolytic Capacitor	140-XRL25V100-RC	Mouser
24						
25	17	1N4448	D1, D2, D3, D4, D5, D6, D7, D13, D14, D15, D16, D17, D19, D20, D21, D22, D24	Signal Diode	512-1N4448TR	Mouser
26	1	MV1662	D10	Tuning Diode	MV1662	Hosfelt Electronics
27	1	MV209	D11	Tuning Diode	863-MV209G	Mouser
28	1	SB320	D18	Power Diode	625-SB320	Mouser
29	1	1N4007	D8	Power Diode	625-1N4007-E3	Mouser
30	1	1N4735A	D9	Zener Diode 6.2V	512-1N4735A	Mouser
31						
32	2	T37-6	L1, L2	Toroid Core (Yellow)		Micro Metals
33	2	T37-2	L5, L8	Toroid Core (Red)		Micro Metals
34	1	T50-7	L13	Toroid Core (White)		Micro Metals
35	2	6.8 uH	L7, L9	Molded Inductor	434-22-6R8	Mouser
36	1	10 uH	L17	Molded Inductor	434-22-100	Mouser
37	1	12 uH	L15	Molded Inductor	434-22-120	Mouser
38	2	22 uH	L3, L4	Molded Inductor	434-22-220	Mouser
39	0	100 uH		Molded Inductor	434-22-101	Mouser
40	1	1 mH	L10	Molded Inductor	434-22-102	Mouser
41						
42	3	ADE-1	M1, M2, M3	Mixer	ADE-1	MiniCircuits
43						
44	14	PN2222	Q1, Q3, Q4, Q5, Q6, Q9, Q10, Q11, Q14, Q15, Q16, Q18, Q19, Q21	NPN TO92	512-PN2222ABU	Mouser
45	2	MPSH10	Q12, Q13	NPN TO92	863-MPSH10G	Mouser
46	1	2N2219A	Q2	NPN TO39	511-2N2219A	Mouser
47	1	2N4124	Q20	NPN TO92	512-2N4124BU	Mouser
48	1	2N7000	Q24	MOSFET TO92	512-2N7000	Mouser
49	1	2SC5739	Q25	NPN TO220	2SC57390P-ND	DigiKey
50	1	J176	Q7	JFET TO92	512-J176	Mouser
51	1	PN2907A	Q8	PNP TO92	512-PN2907ABU	Mouser
52						
53	1	5.6	R82	Resistor 1/4 watt	660-CF1/4C5R6J	Mouser
54	4	8.2	R39, R40, R92, R93	Resistor 1/4 watt	660-CF1/4C8R2J	Mouser
55	1	10	R48	Resistor 1/4 watt	660-CF1/4C100J	Mouser
56	3	18	R31, R49, R83	Resistor 1/4 watt	660-CF1/4C180J	Mouser
57	5	27	R30, R47, R65, R84, R86	Resistor 1/4 watt	660-CF1/4C270J	Mouser
58	2	47	R37, R38	Resistor 1/4 watt	660-CF1/4C470J	Mouser

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59	8	51	R8, R25, R28, R32, R63, R66, R79, R81	Resistor ¼ watt	660-CF1/4C510J	Mouser
60	7	100	R3, R19, R24, R36, R64, R69, R91	Resistor ¼ watt	660-CF1/4C101J	Mouser
61	3	150	R29, R41, R94	Resistor ¼ watt	660-CF1/4C151J	Mouser
62	4	220	R9, R10, R11, R20	Resistor ¼ watt	660-CF1/4C221J	Mouser
63	4	270	R2, R52, R71, R95	Resistor ¼ watt	660-CF1/4C271J	Mouser
64	3	820	R7, R27, R45	Resistor ¼ watt	660-CF1/4C821J	Mouser
65	4	1K	R18, R23, R35, R61	Resistor ¼ watt	660-CF1/4C102J	Mouser
66	5	1.5K	R34, R50, R51, R60, R76	Resistor ¼ watt	660-CF1/4C152J	Mouser
67	4	2.2K	R4, R26, R85, R96	Resistor ¼ watt	660-CF1/4C222J	Mouser
68	2	2.7K	R5, R6	Resistor ¼ watt	660-CF1/4C272J	Mouser
69	3	3.3K	R33, R46, R62	Resistor ¼ watt	660-CF1/4C332J	Mouser
70	4	4.7K	R17, R75, R89, R90	Resistor ¼ watt	660-CF1/4C472J	Mouser
71	1	5.6K	R58	Resistor ¼ watt	660-CF1/4C562J	Mouser
72	7	10K	R1, R16, R22, R44, R55, R59, R70	Resistor ¼ watt	660-CF1/4C103J	Mouser
73	2	15K	R74, R88	Resistor ¼ watt	660-CF1/4C153J	Mouser
74	2	27K	R42, R43	Resistor ¼ watt	660-CF1/4C273J	Mouser
75	1	33K	R21	Resistor ¼ watt	660-CF1/4C333J	Mouser
76	4	47K	R12, R13, R56, R57	Resistor ¼ watt	660-CF1/4C473J	Mouser
77	2	1M	R15, R73	Resistor ¼ watt	660-CF1/4C105J	Mouser
78	1	2.2M	R14	Resistor ¼ watt	660-CF1/4C225J	Mouser
79						
80	1	1K Linear	R53	Potentiometer Linear Ctr Detent	313-2000F-1K	Mouser
81	1	1K Audio	R77	Potentiometer Audio	31JA301-F	Mouser
82	1	10K Audio	R80	Potentiometer Audio	31JA401-F	Mouser
83	1	10K	R54	Potentiometer Linear 10-turn	652-3590S-2-103L	Mouser
84						
85	1	100	R87	Trimmer Potentiometer	652-3318F-1-101	Mouser
86	1	2K	R78	Trimmer Potentiometer	652-3318F-1-202	Mouser
87						
88	2	T37-6	T7, T8	Toroid Core (Yellow)		Micro Metals
89	6	FT37-43	T1, T2, T4, T9, T10, T11	Toroid Core (Shiny Gray)		Micro Metals
90	1	FT37-61	T5	Toroid Core (Dull Gray)		Micro Metals
91	1	Audio Transformer	T3	500CT:8 Ohm	42TM001-RC	Mouser
92						
93	1	5-60 pf NPO	TC6	Trimmer Capacitor	81-TZ03Z500F169B00	Mouser
94	8	70 pf	TC1, TC2, TC3, TC4, TC5, TC7, TC9, TC10	Trimmer Capacitor	659-GKG70015	Mouser
95						
96	8	4.9152 MHz	X1, X2, X3, X4, X5, X6, X7, X8	Crystal	559-FOX049-LF	Mouser
97						
98	2	Connector	3.5 mm (1/8 inch)	Stereo Phone Jack	161-3402-E	Mouser
99	1	Connector	2.1 mm center pin	Power Jack	163-4304-E	Mouser
100	1	Connector	With ground lug	BNC Panel Mount	161-9323	Mouser
101			Note: BNC Panel Mount from Hosfelt Electronics		952	Hosfelt Electronics
102						
103	2	Hardware		Test Point Terminal	534-1035	Mouser
104	1	Hardware	4-40 thread, 1 inch length	Nylon Screw	561-P440-1	Mouser
105	1	Hardware	4-40 thread	Nylon Nut	561-G440	Mouser
106	2	Hardware	6-32 thread	Shoulder Washer	561-SW6	Mouser
107	4	Hardware	½ inch X ¼ inch	Square Tapered Bumper	517-SJ-5023BK	Mouser
108	1	Hardware	1.39" inch diameter	Black Knob	450-2039-GRX	Mouser
109	3	Hardware	0.77 inch diameter	Black Knob	450-2035-GRX	Mouser
110	4	Hardware	4-40 thread, 1 inch length	Female Threaded Standoff	91780A167	McMaster-Carr
111	4	Hardware	4-40 thread, 1 inch length	Male-Female Threaded Standoff	93505A436	McMaster-Carr
112	2	Hardware	Note: 10 units/package	Polypropylene Draw Latch	1891A48	McMaster-Carr
113	8	Hardware	2-56 thread, 5/16 inch length, Note: 100/package	Flat Head Machine Screw	91771A078	McMaster-Carr
114	8	Hardware	#2 internal tooth lock washer, Note: 100/package	Lock Washer	98449A500	McMaster-Carr
115	8	Hardware	2-56 thread, Note: 100/package	Hex Nut	91841A003	McMaster-Carr
116	1	Hardware	4-40 thread, ½ inch length, Note: 100/package	Flat Head Machine Screw	91771A110	McMaster-Carr
117	5	Hardware	#4 internal-tooth lock washer, Note: 100/package	Lock Washer	98449A510	McMaster-Carr
118	1	Hardware	4-40 thread, Note: 100/package	Hex Nut	91841A005	McMaster-Carr
119	8	Hardware	4-40 thread, ¼ inch length, Note: 100/package	Flat Head Machine Screw	91771A106	McMaster-Carr
120	4	Hardware	4-40 thread, 5/16 inch length, Note: 100/package	Pan Head Machine Screw	91772A107	McMaster-Carr
121	4	Hardware	#4, 1/8 inch length, unthreaded round spacer, Note: 10/package	Aluminum Spacer	92510A688	McMaster-Carr
122	1	Hardware		Case	NorCal 2N2/XX	TenTec