

Squelch board V6								
Item	Qty.	Ref.	Description	Value	Notes	Manufacturer	Mfg part #	Digikey part #
1	7	C1	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C4	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C7	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C10	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C13	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C15	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
		C21	Film cap	.1uF	may be marked "104" or "100n"	EPCOS (TDK)	B32529C1104J	495-5055-1-ND
2	2	C2	Film cap	0.33u	may be marked "334"	Kemet	R82DC3330AA60J	399-5906-ND
		C11	Film cap	0.33u	may be marked "334"	Kemet	R82DC3330AA60J	399-5906-ND
3	5	C3	Film cap 5%	0.033u	may be marked "333" or "33n"	Kemet	R82EC2330AA50J	399-5898-ND
		C5	Film cap 5%	0.033u	may be marked "333" or "33n"	Kemet	R82EC2330AA50J	399-5898-ND
		C9	Film cap 5%	0.033u	may be marked "333" or "33n"	Kemet	R82EC2330AA50J	399-5898-ND
		C17	Film cap 5%	0.033u	may be marked "333" or "33n"	Kemet	R82EC2330AA50J	399-5898-ND
		C20	Film cap 5%	0.033u	may be marked "333" or "33n"	Kemet	R82EC2330AA50J	399-5898-ND
4	1	C6	Film cap 5%	0.001u	may be marked "1.0", "1n0" or "102"	Kemet	R82EC1100AA50J	399-5871-ND
55	1	C24	Film cap 5%	0.0015u	may be marked "1.5", "1n5" or "152"	Kemet	R82EC1150AA50J	399-6032-ND
5	5	C8	Film cap	1u	may be marked "105"	EPCOS (TDK)	B32529C105J	495-1119-ND
		C14	Film cap	1u	may be marked "105"	EPCOS (TDK)	B32529C105J	495-1119-ND
		C18	Film cap	1u	may be marked "105"	EPCOS (TDK)	B32529C105J	495-1119-ND
		C28	Film cap	1u	may be marked "105"	EPCOS (TDK)	B32529C105J	495-1119-ND
		C30	Film cap	1u	may be marked "105"	EPCOS (TDK)	B32529C105J	495-1119-ND
6	1	C12	Film cap	0.047u	may be marked "473" or "47n"	Kemet	R82EC2470DQ60J	399-5452-1-ND
7	1	C16	Electrolytic	220uF		Panasonic	ECA-1HM221	P5183-ND
8	5	C22	Film cap 5%	0.0033u	may be marked "332" or "3n3"	Kemet	R82EC1330AA50J	399-6034-ND
		C23	Film cap 5%	0.0033u	may be marked "332" or "3n3"	Kemet	R82EC1330AA50J	399-6034-ND
		C25	Film cap 5%	0.0033u	may be marked "332" or "3n3"	Kemet	R82EC1330AA50J	399-6034-ND
		C26	Film cap 5%	0.0033u	may be marked "332" or "3n3"	Kemet	R82EC1330AA50J	399-6034-ND
		C27	Film cap 5%	0.0033u	may be marked "332" or "3n3"	Kemet	R82EC1330AA50J	399-6034-ND
50	1	C19	Electrolytic cap	2.2 uF	May be a tantalum cap	Panasonic	EEU-FC1H2R2H	P19442CT-ND
10	4	D1	Small glass diode	1N4148		Fairchild	1N4148	1N4148FS-ND
		D4	Small glass diode	1N4148		Fairchild	1N4148	1N4148FS-ND
		D5	Small glass diode	1N4148		Fairchild	1N4148	1N4148FS-ND
		D7	Small glass diode	1N4148		Fairchild	1N4148	1N4148FS-ND
11	1	D2	LED, red			Lite-On Inc.	LTL-4223	160-1127-ND
12	1	D3	Diode	1N4001	may be 1N4005	Comchip	1N4001-G	641-1310-1-ND
14	1	D6	LED, green			Lite-On Inc.	LTL-4233	160-1130-ND
15	1	J1	2x3 header	6-pin		Harwin Inc.	M20-9980346	952-2121-ND
16	1	J2	0.198 term	12 pin	Wire openings face board edge	Phoenix Contact	1935268	277-1587-ND
51	1	J3	2x4 header	8-pin		Harwin Inc.	M20-9980445	952-2122-ND
17	3	JU1	3-pin header	3-pin		Amphenol FCI	68001-403HLF	609-3471-ND
		JU2	3-pin header	3-pin		Amphenol FCI	68001-403HLF	609-3471-ND
		JU3	3-pin header	3-pin		Amphenol FCI	68001-403HLF	609-3471-ND

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54	1	JU4	2-pin header	2-pin		Amphenol FCI	68001-402HLF	609-3507-ND
19	8	JU-PIN 1-8	2-pin jumper		Push-on shorting jumper	Amphenol FCI	65474-002LF	609-2215-ND
20	3	Q1	NPN Transistor	2N4401		Micro Commercial	2N4401-AP	2N4401-APCT-ND
		Q2	NPN Transistor	2N4401		Micro Commercial	2N4401-AP	2N4401-APCT-ND
		Q3	NPN Transistor	2N4401		Micro Commercial	2N4401-AP	2N4401-APCT-ND
21	4	R1	Res 5%	47k	yellow, violet, orange, gold	Stackpole	CF14JT47K0	CF14JT47K0CT-ND
		R2	Res 5%	47k	yellow, violet, orange, gold	Stackpole	CF14JT47K0	CF14JT47K0CT-ND
		R14	Res 5%	47k	yellow, violet, orange, gold	Stackpole	CF14JT47K0	CF14JT47K0CT-ND
		R23	Res 5%	47k	yellow, violet, orange, gold	Stackpole	CF14JT47K0	CF14JT47K0CT-ND
22	4	R3	Res 5%	10k	brown, black, orange, gold	Stackpole	CF14JT10K0	CF14JT10K0CT-ND
		R7	Res 5%	10k	brown, black, orange, gold	Stackpole	CF14JT10K0	CF14JT10K0CT-ND
		R8	Res 5%	10k	brown, black, orange, gold	Stackpole	CF14JT10K0	CF14JT10K0CT-ND
		R12	Res 5%	10k	brown, black, orange, gold	Stackpole	CF14JT10K0	CF14JT10K0CT-ND
23	1	R9	Res 5%	8.2k	gray, red, red, gold	Stackpole	CF14JT8K20	CF14JT8K20CT-ND
24	1	R10	Res 5%	100k	brown, black, yellow, gold	Stackpole	CF14JT100K	CF14JT100KCT-ND
53	2	R22	Potentiometer	20K	multi-turn, may be marked "203"	Bourns Inc.	3296W-1-203LF	3296W-203LF-ND
		R31	Potentiometer	20K	multi-turn, may be marked "203"	Bourns Inc.	3296W-1-203LF	3296W-203LF-ND
26	1	R13	Potentiometer	20K	1-turn, may be marked "203"	Bourns Inc.	3386P-1-203LF	3386P-203LF-ND
38	1	R4	Potentiometer	100K	Multi-turn, may be marked "104"	Bourns Inc.	3296W-1-104LF	3296W-104LF-ND
27	1	R18	Res 1%	2.21k	red, red, brown, brown, brown or "2211"	Stackpole	RNF14FTD2K21	RNF14FTD2K21CT-ND
28	1	R16	Res 1%	130k	brown, orange, black, orange, brown or "1303"	Stackpole	RNF14FTD130K	RNF14FTD130KCT-ND
29	2	R17	Res 5%	1M	brown, black, green, gold	Stackpole	CF14JT1M00	CF14JT1M00CT-ND
		R20	Res 5%	1M	brown, black, green, gold	Stackpole	CF14JT1M00	CF14JT1M00CT-ND
30	1	R19	Res 1%	13k	brown, orange, black, red, brown or "1302"	Stackpole	RNF14FTD13K0	RNF14FTD13K0CT-ND
31	1	R21	Res 1%	5.49k	green, yellow, white, brown, brown or "5491"	Stackpole	RNF14FTD5K49	RNF14FTD5K49CT-ND
32	2	R24	Res 5%	270k	red, violet, yellow, gold	Stackpole	CF14JT270K	CF14JT270KCT-ND
		R26	Res 5%	270k	red, violet, yellow, gold	Stackpole	CF14JT270K	CF14JT270KCT-ND
33	1	R25	Res 5%	1.3k	brown, orange, red, gold	Stackpole	CF14JT1K30	CF14JT1K30CT-ND
34	2	R15	Res 1%	2k	red, black, black, brown, brown or "2001"	Stackpole	RNF14FTD2K00	RNF14FTD2K00CT-ND
		R27	Res 1%	2k	red, black, black, brown, brown or "2001"	Stackpole	RNF14FTD2K00	RNF14FTD2K00CT-ND
35	1	R28	Res 1%	22.1k	red, red, brown, red, brown or "2212"	Stackpole	RNF14FTD22K1	RNF14FTD22K1CT-ND
36	2	R32	Res 5%	470	yellow, violet, brown, gold	Stackpole	CF14JT470R	CF14JT470RCT-ND
		R35	Res 5%	470	yellow, violet, brown, gold	Stackpole	CF14JT470R	CF14JT470RCT-ND
37	1	R33	Res 5%	10	brown, black, black, gold	Stackpole	CF14JT10R0	CF14JT10R0CT-ND
39	1	R5	Res 5%	470k	yellow, violet, yellow, gold	Yageo	CFR-25JB-52-470K	470KQBK-ND
40	2	SO1	14-pin IC socket	14 pin		TE Connectivity	814-AG11D-ESL-LF	A123213-ND
		SO2	14-pin IC socket	14 pin		TE Connectivity	814-AG11D-ESL-LF	A123213-ND
41	1	SO3	28-pin IC socket	28 pin		Mill-Max	110-44-328-41-001000	ED90054-ND
42	1	SO4	8-pin IC socket	8 pin		TE Connectivity	808-AG11D-ESL-LF	A121607-ND
43	2	U1	Quad op-amp	TL084CN	14-pin DIP	Texas Instruments	TL084ACN	296-1782-5-ND
		U2	Quad op-amp	TL084CN	14-pin DIP	Texas Instruments	TL084ACN	296-1782-5-ND
44	1	U3	Voltage Reg (5V)	5V	Small TO-92 case	ON Semiconductor	MC78L05ABPRAG	MC78L05ABPRAGOSCT-ND
45	1	U4	Voltage Reg (9V)	9V	TO-220 case	Fairchild/ON Semi.	LM7809CT	LM7809CT-ND
46	1	U5	Audio amplifier IC	LM386N	8-pin DIP	Texas Instruments	LM386N-3/NOPB	296-43959-5-ND
47	1	Y1	Resonator	16 MHz	Looks like a fat 3-lead disc cap	ECS	ZTT-16.00MX	X908-ND

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48	1	ZU1	Microcontroller		28-pin DIP	Atmel	ATMEGA328P-PU	ATMEGA328P-PU-ND
49	2	TP1	Test jack		Metering test lead jack	Keystone	6036	36-6036-ND
		TP2	Test jack		Metering test lead jack	Keystone	6036	36-6036-ND
52	1		Squelch Board PCB					