

SCA H32 Bill of Material

Rev 1.1

Item	Qty	Ref	Value	Description	Manufacturer	Man's Number	
1	1	C10	100pF	C0G Ceramic	Kemet	C315C101J2G5TA	
2	10	C1-C6,C12,C16,C301,C305	.1uF	X7R Ceramic	Kemet	C315C104M5U5TA	
3	1	C11	.012uF	Polyester Film	Kemet	MMK5123J50J01L16.5TR18	
4	1	C9	.047uF	Polyester Film	Kemet	MMK5473J50J01L16.5TA18	
5	3	C7,C8,C15	1uF	Polyester Film	Vishay	BFC241671005	
6	2	C13,C17	10uF/50V BP	Radial Electrolytic Capacitor	Nichicon	UVP1H100MED	
7	1	C18	220uF/6.3V	Radial Electrolytic	Nichicon	UST0J221MDD	
8	1	C14	10uF/50V	Radial Electrolytic	Nichicon	UMW1H100MDD	
9	2	C3,C4	22uF/35V	Radial Electrolytic	Panasonic	EEU-FC1V220	
10	2	C302,C306 PCB says 35V!	1000uF/50V	Radial Electrolytic	Panasonic	EEU-FM1H102	
11	1	CONN1		XLR-Female	Neutrik	NC3FBHR-2	
12	1	CONN2		XLR-Male	Neutrik	NC3MBHR	
13	1	J7		Header	Molex	26-60-4060	
14	6	D301-306		Diode	General Semi	1N4002	
15	2	R105,R106	22.6	Metal Film Resistor 1/4W	Yageo	MFR-25F52-22R6	
16	2	R205,R206	35.7	Metal Film Resistor 1/4W	Yageo	MFR-25F52-35R7	
17	2	R103,R104	66.5	Metal Film Resistor 1/4W	Yageo	MFR-25FRF52-66R5	
18	4	,R101,R102R203,R204	121	Metal Film Resistor 1/4W	Yageo	MFR-25F52-121R	
19	2	R301,R306	180	Metal Film Resistor 1/4W	Yageo	MFR-25F52-180R	
20	2	R123, R124	187	Metal Film Resistor 1/4W	Yageo	MFR-25F52-187R	
21	2	R201,R202	249	Metal Film Resistor 1/4W	Yageo	MFR-25F52-249R	
22	2	R121,R122	274	Metal Film Resistor 1/4W	Yageo	MFR-25F52-274R	
23	2	R119,R120	383	Metal Film Resistor 1/4W	Yageo	MFR-25F52-383R	
24	4	R6,R7,R9,R10	390	Metal Film Resistor 1/4W	Yageo	MFR-25F52-390R	
25	2	R223,R224	464	Metal Film Resistor 1/4W	Yageo	MFR-25FRF52-464R	
26	2	R117,R118	549	Metal Film Resistor 1/4W	Yageo	MFR-25F52-549R	
27	2	R221,R222 PCB says 634!	632	Metal Film Resistor 1/4W	Yageo	MFR-25F52-632R	
28	2	R115,R116	787	Metal Film Resistor 1/4W	Yageo	MFR-25F52-787R	
29	2	R219,R220	887	Metal Film Resistor 1/4W	Yageo	MFR-25F52-887R	
30	2	R113,R114 PCB says 1170!	1180	Metal Film Resistor 1/4W	Yageo	MFR-25F52-1K18	
31	2	R217,R218	1210	Metal Film Resistor 1/4W	Yageo	MFR-25F52-1K21	
32	2	R111,R112	1480	Metal Film Resistor 1/4W	Yageo	MFR-25F52-1K48	
33	2	R215,R216	1740	Metal Film Resistor 1/4W	Yageo	MFR-25F52-1K74	
34	2	R109,R110	1960	Metal Film Resistor 1/4W	Yageo	MFR-25F52-1K96	
35	2	R213,R214	2150	Metal Film Resistor 1/4W	Yageo	MFR-25F52-2K15	
36	2	R303,R304	2.4K	Metal Film Resistor 1/4W		MFR-25F52-2K4	
37	2	R107,R108	2700	Metal Film Resistor 1/4W	Yageo	MFR-25F52-2K7	
38	2	R211,R212	2800	Metal Film Resistor 1/4W	Yageo	MFR-25F52-2K8	
39	2	R209,R210	3900	Metal Film Resistor 1/4W	Yageo	MFR-25F52-3K9	
40	2	R207,R208	6040	Metal Film Resistor 1/4W		MFR-25F52-6K04	
41	5	R5,R8,R11,R12,R13	10K	Metal Film Resistor 1/4W		MFR-25F52-10K	
42	2	R302,R305	15K	Metal Film Resistor 1/4W		MFR-25F52-15K	
43	2	SW101,SW201		Grayhill 2-deck Rotary Switch	Grayhill	71BDF30-02-1-AJS	

44	1	S1		SPDT Switch	E-Switch	100AWSP1T2B4M7RE		
45	1	SW1		DPDT Switch	E-Switch	100AWDP1T2B4M7RE		
46	2	U1,U3	OPA2604	Op-Amp		OPA2604AP		
47	1	U2	THAT 1206	Line Receiver	THAT Corp	THAT 1206		
48	1	U4	THAT 1646	Line Driver	THAT Corp	THAT 1646		
49	1	U301	LM317T	Voltage Regulator, Pos	National	LM317T		
50	1	U302	LM337TG	Voltage Regulator, Neg	National	LM337TG		
51	2			Heatsink	Aavid	577202B00000G		
52	2			Fluted Knob	Cosmo	39-7747-001-00-3-10		
53	4		M2.5 x 6	Black XLR Screws				
54	2		#4-40 x 1/4"	Pan head machine screw, trilobe				
55	2		#4-40	Kepps nut				
56	1			PCB	SCA			