

SCA N72 Bill of Material

Item	Qty	References	Value	Description	Manufacturer	Manufacturer's No	Source	Catalog No
1	2	C1,C7	100pF	101 J C0G 50	Panasonic	ECU-S1H101JCA	Digi-Key	P4925-ND
2	1	C2	100uF/25V		Panasonic	EEU-FC1E101S	Digi-Key	P10269-ND
3	1	C3	470uF/25V		Panasonic	EEU-FC1E471	Digi-Key	P10275-ND
4	1	C4	.01uF	103 K X7R 50	Panasonic	ECU-S1H103KBA	Digi-Key	P4922-ND
5	1	C5	1000uF/25V		Panasonic	EEU-FC1E102	Digi-Key	P10278-ND
6	4	C6,C12,C14,C16	22uF/16V Tant		Kemet	T350F226K016AT	Digi-Key	399-3574-ND
7	1	C8	1500pF	152 J C0G 50	Panasonic	ECU-S1H152JCB	Digi-Key	P4939-ND
8	1	C9	680pF	681 J C0G 50	Panasonic	ECU-S1H681JCB	Digi-Key	P4935-ND
9	1	C10	22uF/25V		Panasonic	EEA-FC1E220	Digi-Key	P11213-ND
10	1	C11	150uF/6.3V		Panasonic	EEU-FC0J151	Digi-Key	P10196-ND
11	1	C13	1000pF	102 J C0G 50	Panasonic	ECU-S1H102JCB	Digi-Key	P4937-ND
12	1	C15	470uF/6.3V		Panasonic	EEU-FC0J471	Digi-Key	P11169-ND
13	1	C17	220pF	221 J C0G 50	Panasonic	ECU-S1H221JCA	Digi-Key	P4929-ND
14	1	C18	4700pF	472 K X7R 50	Panasonic	ECU-S1H472KBA	Digi-Key	P4950-ND
15	1	C19	330pF	331 J C0G 50	Panasonic	ECU-S1H331JCA	Digi-Key	P4931-ND
16	3	C20,C21,C22	82uF/25V		Panasonic	EEU-FC1E820	Digi-Key	P11216-ND
17	1	C23	1500uF/50V		Panasonic	ECO-S1HA152BA	Digi-Key	P7468-ND
18	2	C24,C28	.1uF/100V	104 K X7R 100	Panasonic	ECU-2SA104KBA	Digi-Key	P4910-ND
19	1	C25	22uF/35V		Panasonic	EEU-FC1V220	Digi-Key	P11230-ND
20	1	C26	22uF/35V Tant		Kemet	T356K226K035AT	Digi-Key	399-3670-ND
21	1	C27	220uF/50V		Panasonic	EEU-FC1H221S	Digi-Key	P10326-ND
22	1	R1	499	Yellow-White-White-Black	Yageo	MFR-25FBB-499R	Digi-Key	499XBK-ND
31	2	R2,R30	390	Orange-White-Brown	Yageo	CFR-25JB-390R	Digi-Key	390QBK-ND
32	1	R3	680	Blue-Gray-Brown	Yageo	CFR-25JB-680R	Digi-Key	680QBK-ND
33	2	R4,R36	1K2	Brown-Red-Red	Yageo	CFR-25JB-1K2	Digi-Key	1.2KQBK-ND
34	3	R5,R29,R33	2K2	Red-Red-Red	Yageo	CFR-25JB-2K2	Digi-Key	2.2KQBK-ND
35	1	R6	56	Green-Blue-Black	Yageo	CFR-25JB-56R	Digi-Key	56QBK-ND
36	1	R7	27	Red-Violet-Black	Yageo	CFR-25JB-27R	Digi-Key	27QBK-ND
37	1	R8	330	Orange-Orange-Brown	Yageo	CFR-25JB-330R	Digi-Key	330QBK-ND
38	1	R9	120	Brown-Red-Brown	Yageo	CFR-25JB-120R	Digi-Key	120QBK-ND
39	1	R10	147	Brown-Yellow-Violet-Black	Yageo	MFR-25FBB-147R	Digi-Key	147XBK-ND
23	1	R11	6K34	Blue-Orange-Yellow-Brown	Yageo	MFR-25FBB-6K34	Digi-Key	6.34KXBK-ND
41	1	R12	825	Gray-Red-Green-Black	Yageo	MFR-25FBB-825R	Digi-Key	825XBK-ND
42	1	R13	316	Orange-Brown-Blue-Black	Yageo	MFR-25FBB-316R	Digi-Key	316XBK-ND
40	1	R14	270	Red-Violet-Brown	Yageo	CFR-25JB-270R	Digi-Key	270QBK-ND
43	2	R15,R38	18K	Brown-Gray-Orange	Yageo	CFR-25JB-18K	Digi-Key	18KQBK-ND
44	1	R16	604	Blue-Black-Yellow-Black	Yageo	MFR-25FBB-604R	Digi-Key	604XBK-ND
45	2	R17,R27	1K5	Brown-Green-Red	Yageo	CFR-25JB-1K5	Digi-Key	1.5KQBK-ND
46	1	R18	12	Brown-Red-Black	Yageo	CFR-25JB-12R	Digi-Key	12QBK-ND
47	1	R19	10K		Bourns	91A1A-B24-D15	Digi-Key	91A1A-B24-D15-ND
48	1	R20	0	Black	Yageo	ZOR-25-B	Digi-Key	0.0QBK-ND
24	1	R21	127K	Brown-Red-Violet-Orange	Yageo	MFR-25FBB-127K	Digi-Key	127KXBK-ND
49	2	R22,R35	68K	Blue-Gray-Orange	Yageo	CFR-25JB-68K	Digi-Key	68KQBK-ND
50	2	R23,R41	33K	Orange-Orange-Orange	Yageo	CFR-25JB-33K	Digi-Key	33KQBK-ND
51	1	R24	47K	Yellow-Violet-Orange	Yageo	CFR-25JB-47K	Digi-Key	47KQBK-ND

52	1	R25	5K1	Green-Brown-Red	Yageo	CFR-25JB-5K1	Digi-Key	5.1KQBK-ND
53	1	R26	470	Yellow-Violet-Brown	Yageo	CFR-25JB-470R	Digi-Key	470QBK-ND
25	1	R28	10K	Brown-Black-Orange	Yageo	CFR-25JB-10K	Digi-Key	10KQBK-ND
54	1	R31	1K8	Brown-Gray-Red	Yageo	CFR-25JB-1K8	Digi-Key	1.8KQBK-ND
55	1	R32	51K	Green-Brown-Orange	Yageo	CFR-25JB-51K	Digi-Key	51KQBK-ND
56	2	R34,R42	56K	Green-Blue-Orange	Yageo	CFR-25JB-56K	Digi-Key	56KQBK-ND
57	1	R37	3K3	Orange-Orange-Red	Yageo	CFR-25JB-3K3	Digi-Key	3.3KQBK-ND
26	1	R39	5K		Bourns	3296Y-1-502	Digi-Key	3296Y-502-ND
27	1	R40	47	Yellow-Violet-Black	Yageo	CFR-50JB-47R	Digi-Key	47H-ND
28	2	R43,R45	150	Brown-Green-Brown	Yageo	CFR-25JB-150R	Digi-Key	150QBK-ND
29	1	R44	2K7	Red-Violet-Red-Gold	Yageo	CFR-25JB-2K7	Digi-Key	2.7KQBK-ND
30	2	R46,R47	6K65	Blue-Blue-Green-Brown	Yageo	MFR-25FBF-6K65	Digi-Key	6.65KXBK-ND
58	5	Q1,Q2,Q3,Q4,Q5	BC184C	NPN Bipolar	Fairchild	BC184C	Newark	BC184C
59	1	Q6	2N3055	NPN Power	On Semi	2N3055	Digi-Key	2N3055OS-ND
60	1	U1		Voltage Regulator	Linear	LT1085CT	Digi-Key	LT1085CT-ND
61	3	D1,D2,D3	1N4002	Diode	General Semi	1N4002	Digi-Key	1N4002GICT-ND
62	1			TO-3 Heatsink	Aavid	501503B00000	Digi-Key	HS248-ND
63	1			TO-220 Heatsink	Aavid	577202B00000	Digi-Key	HS107-ND
64	1	CONN1		XLR F	Neutrik	NC3FBHR-2	Brill	568-NC3FBHR-2
65	1	CONN2		XLR M	Neutrik	NC3MBHR	Brill	568-NC3MBHR
66	1	J1		6-Pin Header	Molex	26-60-4060	Digi-Key	WM4624-ND
67	6			Contacts	Molex	08-50-0106	Digi-Key	WM2300-ND
68	1			Housing	Molex	09-50-8061	Digi-Key	WM2126-ND
69	1	J2		2-Pin Header	Molex	22-28-4020	Digi-Key	WM6402-ND
70	2	J3,J4		3-Pin Header	Molex	22-28-4030	Digi-Key	WM6403-ND
71	3			Shorting jumpers	Sullins	STC02SYAN	Digi-Key	S9000-ND
72	1	S3	SW_DPDT	Toggle Switch	E Switch	100AWDP1T2B4M7RE	Digi-Key	EG2444-ND
73	1	S1	SW_SPDT	Toggle Switch	E Switch	100AWSP1T2B4M7RE	Digi-Key	EG2435-ND
74	1	S2	71BDF30-03-1-AJS	Rotary Switch	Grayhill	71BDF30-03-1-AJS	Grayhill	71BDF30-03-1-AJS
75	2			Fluted Knob	Cosmo	39-7747-001-00-3-10	Cosmo	39-7747-001-00-3-10
76	1	T1		Input Transformer	Carnhill	VTB9045	Carnhill	VTB9045
77	1	T2		Output Transformer	Carnhill	VTB1847	Carnhill	VTB1847
78	1			Mounting Bracket	Hub		SCA	
79	4		#4-40 x 1 3/8"	Pan head machine screw			Olander	
80	5		#4-40 x 1/4"	Pan head machine screw, trilobe			Olander	
81	5		#4-40	Kepps nut			Olander	
82	2		#6-32 x 3/8"	Pan head machine screw			Olander	
83	2		#6-32	Kepps nut			Olander	
84	2		M2.5 x 8	Cheese head machine screw			Olander	
85	4			1/8" Nylon spacer			Olander	
86	1		PCB		AC		SCA	