

SCA PS02 Bill of Material

Item	Qty	Ref	Value	Code	Manufacturer	Manufacturer's No	Source	Catalog No.	KM	KF
1	1	T1			Talema	70075	Digi-Key	TE70075-ND		Y
2	1	J1			Molex	26-60-4020	Digi-Key	WM4620-ND		Y
3	1	P1			Molex	09-50-8021	Digi-Key	WM2122-ND		Y
4	2	J4,J5			Molex	26-60-4040	Digi-Key	WM4622-ND		Y
5	2	P4,P5			Molex	09-50-8043	Digi-Key	WM2113-ND		Y
6	1	J2			Molex	26-60-4060	Digi-Key	WM4624-ND		Y
7	1	P2			Molex	09-50-8061	Digi-Key	WM2126-ND		Y
8	16				Molex	08-50-0106	Digi-Key	WM2300-ND		Y
9	1	H2			Aavid	577202B00000	Digi-Key	HS107-ND		Y
10	1	H1			Aavid	529802B	Digi-Key	HS276-ND		Y
11	1	J3			Qualtek	703W	Digi-Key	Q218-ND		Y
12	6	D1,D2,D3,D4,D8,D9			Diodes, Inc.	1N4002	Digi-Key	1N4002GICT-ND		Y
13	4	D5,D6,D10,D11			Diodes, Inc.	1N4936	Digi-Key	1N4936DICT-ND		Y
14	1	D7	4A		Diodes, Inc.	RS402L	Digi-Key	RS402LDI-ND		Y
15	1	ZD1			Microsemi	1N5253	Digi-Key	1N5253DO35MSCT-ND		Y
16	2	C8,C21	1800uF/50V		Panasonic	ECO-S1HA182BA	Digi-Key	P6673-ND		Y
17	2	C9,C20	3300uF/50V		Panasonic	ECO-S1HA332CA	Digi-Key	P6679-ND		Y
18	1	C13	1800uF/80V		Panasonic	ECO-S1KA182DA	Digi-Key	P7504-ND		Y
19	3	C23,C24,C25	.1uF		Panasonic	ECQ-U2A104ML	Digi-Key	P10730-ND		Y
20	1	C28	100uF/63V		Panasonic	EEU-FC1J101L	Digi-Key	P10342-ND		Y
21	2	C26,C27	100uF/35V		Panasonic	EEU-FC1V101	Digi-Key	P10294-ND		Y
22	8	C7,C10,C11,C12,C17,C18,C19,C22	.01uF	103K	Panasonic	ECU-S2A103KBA	Digi-Key	P4904-ND		Y
23	3	C5,C6,C15	.1uF	104K	Panasonic	ECU-S2A104KBA	Digi-Key	P4910-ND		Y
24	3	C4,C14,C16	47uF/35V		Panasonic	EEU-FC1H470	Digi-Key	P10321-ND		Y
25	1	Q1			ON Semi	TIP31B	Digi-Key	TIP31BOS-ND		Y
26	1	U1			National	LM337	Digi-Key	LM337TFS-ND		Y
27	2	U2,U3			National	LM317T	Digi-Key	LM317TNS-ND		Y
28	1	R1	750	Violet-Green-Brown-Gold	Yageo	CFR-25JB-750R	Digi-Key	750QBK-ND		Y
29	3	R2,R12,R13	0	Black	Yageo	ZOR-25-B	Digi-Key	0.0QBK-ND		Y
30	1	R4,R5	3K01	Orange-Black-Brown-Brown-Brown	Yageo	MFR-25FBB-3K01	Digi-Key	3.01KXBK-ND		Y
31	1	R3,R6	147	Brown-Yellow-Violet-Black-Brown	Yageo	MFR-25FBB-147R	Digi-Key	147XBK-ND		Y
32	2	R11	220	Red-Red-Brown-Gold	Yageo	CFR-25JB-220R	Digi-Key	220QBK-ND		Y
33	1	R10	8K2	Gray-Red-Red-Gold	Yageo	CFR-25JB-8K2	Digi-Key	8.2QBK-ND		Y
34	1	R8	1K2	Brown-Red-Red-Gold	Yageo	CFR-25JB-1K2	Digi-Key	1.2QBK-ND		Y
35	1	R14	47	Yellow-Violet-Black-Gold	BC	5083NW47R00J12AF	Digi-Key	BC47W-2CT-ND		Y
36	1	F1	1A		Littelfuse	0218001.H	Digi-Key	F975-ND		Y
37	2	Fuse holders			Cooper	BK/1A5018-10	Digi-Key	283-2335-ND		Y
38	3	Thermal pads			Bergquist	SP900S-54	Digi-Key	BER175-ND		Y
39	3	Shoulder washer			Keystone	3049	Digi-Key	3049K-ND		Y
40	6	#4-40 x 3/8" Pan head screw, F thread					Olander			Y
41	4	#4-40 Kepps nut					Olander			Y
42	1	PCB			AC		SCS		Y	Y