

PARTS LIST FOR SD001 REV2.0

Item	Quantity	Reference	part	supplier	stock number
1	2	C1,C2	0.047uF 0603 ceramic multilayer	FEC	
2	3	C3,C4,C5	0.33uf 35V TANT	AVX	TAJA334M035
3	2	C8,C6	10uf 35V TANT	AVX	TAJC106M035
4	2	C7,C9	0.01uf 0603 CERAMIC MULTILAYER	FEC	
5	1	C10	1uf 35V TANT	AVX	TAJA105M035
6	1	C12	100uF 16V TANT	AVX	TAJD107M016
7	2	C14,C13	0.1UF 0603 CERAMIC MULTILAYER	FEC	
8	1	D1	RB411D SOT23	663-153	FEC
9	1	D2	BAS16LT1 SOT23	FEC	934-100
10	1	D3	RB411D SOT23		
11	1	D4	3MM T1/LED BLUE	FEC	942-480
12	1	F1	fuse 1A63v/1206 RS		219-5885
13	1	J1	MOLEX 53398-0690 SMD STRAIGHT HEADER	FEC	889-398
14	2	J5,J2	MOLEX 53398-0290 SMD STRAIGHT HEADER	FEC	889-374
15	1	J3	MOLEX 52746-0890 R/A BOTTOM CONTACT 0.5MM SMD ZIF SKT		FREE
ISSUE					
16	1	J4	PCB PAD 0.5mm dia		
17	1	L1	22uH DT3316-223 coilcraft		COILCRAFT
18	1	Q1	PZT2907A SOT-223	FEC	
19	1	Q2	TN0201T FEC		739-121
20	1	R1	150R 5% 0603		
21	1	R2	0R 0603		
22	3	R3,R7,R12	10K 5% 0603		
23	1	R4	68k 0603 5%		
24	1	R5	22k 5% 0603		
25	1	R6	0.6R 1%		
26	1	R8	20k 5% 0603		
27	2	R14,R9	100k 5% 0603		
28	1	R10	68R 5% 0603		
29	1	R11	33R 5% 0603		
30	1	R13	1M 5% 0603		
31	1	U1	MAX3224ECAP SSOP-20	MAXIM	
32	1	U2	MAX712CSE S0IC-16 NARROW		MAXIM
33	1	U3	MAX756CSA 150MIL SOIC-8	MAXIM	
34	1	U4	PIC12C508A-04/SN 150MIL SOIC-8		FREE ISSUE

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Item	Quantity	Reference	Part
1	2	J1,J2	CON1
2	1	SW1	VERTICAL PCB, RS320-900

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Item	Quantity	Reference	Part
1	1	J1	MOLEX 53398-0690 SMD STRAIGHT HEADER
2	1	J2	FOXCONN QV-50123-C01
3	2	J4,J3	CON1