

STEVAL-PSQ001V1 Bill of Material

Item	Part	Description	Ass. Type	Size	Manuf.	Mark	Packaging
1	C1	47uF/50V	TH	6.3x11		E47M/50VMXA RM5	kusy
2	C2	4.7u/50V	SMD	1812	AVX	18125C475KAT2A	TR
3	C3	220p	SMD	0603			
4	C4	22n	SMD	0603			
5	C5	100uF/10V	SMD	C	AVX	TPSC107M010X0150	kusy
6	C6	N.A.					
7	C7	10u/6V	SMD	B		CTS 10M/6.3V	kusy
8	C8	4.7u/50V	SMD	1812	AVX	18125C475KAT2A	TR
9	C9	220p	SMD	0603			
10	C10	22n	SMD	0603			
11	C11	100u/10V	SMD	C	AVX	TPSC107M010X0150	kusy
12	C12	100n	SMD	0805			
13	C13	10u/6.3V	SMD	B		CTS 10M/6.3V	kusy
14	C14	6.8u/10V	SMD	B		CTS 6M8/10V	kusy
15	C15	470n	SMD	0805			
16	C16	3.3u/50V	SMD	1812		C1210C335K5RAC	kusy
17	C17	100n	SMD	0603			
18	C18	4u7/50V/X7R	SMD	1812	AVX	18125C475KAT2A	TR
19	C19	100n	SMD	0603			
20	C20	1n8	SMD	0603		1n8	TR - small
21	C21	100p	SMD	0603			
22	C22	330u/6.3V	SMD	D	AVX	TPSD337M006X0045	kusy
23	C23	4u7/50V/X7R	SMD	1812	AVX	18125C475KAT2A	TR
24	C24	4u7/50V/X7R	SMD	1812	AVX	18125C475KAT2A	TR
25	C25	100n	SMD	0603			
26	C26	2n2	SMD	0603			
27	C27	120p	SMD	0603		120p	TR - small
28	C28	330u/6.3V/45mR	SMD	D	AVX	TPSD337M006X0045	kusy
29	C29	330u/6.3V/45mR	SMD	D	AVX	TPSD337M006X0045	kusy
30	C30	100n	SMD	0603			
31	C31	220n	SMD	0805			
32	C32	1n	SMD	0603			
33	C33	1n	SMD	0603			
34	C34	12n	SMD	0603		12n	TR - small
35	C35	10n	SMD	0603			
36	C39	22uF/6.3V	SMD	1206	AVX	12066D226KAT2A	kusy
37	C40	100uF/6.3V	SMD	1210	AVX	12104D107MAT2A	kusy
38	C41	4u7/50V/X7R	SMD	1812	AVX	18125C475KAT2A	TR
39	D1	SM6T39A	SMD	SMB	ST	SMA6T39A	TR - small
40	D4	STPS2L40	SMD	SMB	ST	STPS2L40	TR - small
41	D6	STPS2L40	SMD	SMB	ST	STPS2L40	TR - small
42	D7	BAW56/SOT	SMD	SOT23			
43	D8	STPS1L40M	SMD	DO216-AA	ST	STPS1L40M	TR - small
44	D9	STPS1L40M	SMD	DO216-AA	ST	STPS1L40M	TR - small
45	D10	4V7	SMD	SOD80			
46	S1	Header 1 x 2	TH				
47	S2	Header 1 x 2	TH				
48	S3	Header 1 x 3	TH				
49	S4	Header 1 x 3	TH				

50	Vi/o Id	Header 2 x 5	TH				
51	Vcore	Header 2 x 5	TH				
52	Skip	Header 2 x 3	TH				
53	J3	Jack - PCB	TH			K375A	Kusy
54	J14	Header 1 x 1	TH				
55	J15	Header 1 x 1	TH				
56	J16	Prum. Con. 2	TH			MSTBA 2,5/ 2-G-5,08	Kusy
57	J17	Prum. Con. 4	TH			MSTBA 2,5/ 4-G-5,08	Kusy
58	J18	Prum. Con. 6	TH			MSTBA 2,5/ 6-G-5,08	Kusy
59	L1	33uH/1.5A	SMD		Coilcraft	MSS7341-333MLB	TR - small
60	L2	33uH/1.5A	SMD		Coilcraft	MSS7341-333MLB	TR - small
61	L3	5.0uH/3A	SMD		Coilcraft	MSS7341-502MLB	TR - small
62	L4	3.8uH/6A	SMD		Coilcraft	MSS1038-382NLB	TR - small
63	L5	1uH/1A	SMD		Coilcraft	ME3220-102MLB	TR - small
64	Q1	STS4DNF60	SMD		ST	STS4DNF60L	TR - small
65	Q2	STS7NF60L	SMD		ST	STS7NF60L	TR - small
66	Q3	STS7NF60L	SMD		ST	STS7NF60L	TR - small
67	R1	4K7	SMD	0603			
68	R2	51k/1%	SMD	0603			
69	R3	20k/1%	SMD	0603			
70	R4	10k/1%	SMD	0603			
71	R5	4K7	SMD	0603			
72	R6	18k/1%	SMD	0603			
73	R7	240k/1%	SMD	0603		240k/1%	TR - small
74	R8	10K/1%	SMD	0603			
75	R9	3R3	SMD	0805		3R3/0805	TR - small
76	R10	1k8	SMD	0603			
77	R11	560R	SMD	0603			
78	R110	4K7/1%	SMD	0603			
79	R19	1K	SMD	0603			
80	R20	680R	SMD	0603			
81	R21	0R	SMD	0603			
82	R22	0R	SMD	0603			
83	R23	0R	SMD	0603			
84	R24	0R	SMD	0603			
85	R25	10R	SMD	0603			
86	R26	10R	SMD	0603			
87	R27	62k	SMD	0603			
88	R28	10K	SMD	0603			
89	R29	51K	SMD	0603			
90	R31	10K	SMD	0603			
91	R32	10K	SMD	0603			
92	R34	10K	SMD	0603			
93	R35	51K	SMD	0603			
94	R36	51K	SMD	0603			
95	R37	47R	SMD	0603			
96	R38	3K3	SMD	0603			
97	R39	3K3	SMD	0603			
98	R40	100k	SMD	0603			
99	R41	51k	SMD	0603			
100	R42	51k	SMD	0603			
101	R101	1K/1%	SMD	0603			
102	R102	2K/1%	SMD	0603		2k/1%	TR - small
103	R103	3K/1%	SMD	0603		3K/1%	TR - small
104	R104	3K/1%	SMD	0603		3K/1%	TR - small
105	R105	200R/1%	SMD	0603		200R/1%	TR - small

106	R106	6K8/1%	SMD	0603		?	
107	R107	9K1/1%	SMD	0603		9k1/1%	
108	R108	820K/1%	SMD	0603		820k/1%	
109	R109	3K3/1%	SMD	0603			
110	R201	1K/1%	SMD	0603			
111	R202	2K/1%	SMD	0603		2k/1%	TR - small
112	R203	3K/1%	SMD	0603		3K/1%	TR - small
113	R204	3K/1%	SMD	0603		3K/1%	TR - small
114	R205	200R/1%	SMD	0603		200R/1%	TR - small
115	R206	6K8/1%	SMD	0603			
116	R207	9K1/1%	SMD	0603		9k1/1%	
117	R208	820K/1%	SMD	0603		820k/1%	
118	R209	51k	SMD	0603			
119	U1	L5970AD	SMD	SO-8	ST	L5970A	TUBE
120	U2	LK112 33	SMD	SOT23-5	ST	LK112M33TR	TR - small
121	U3	L5970AD	SMD	SO-8	ST	L5970A	TUBE
122	U4	KF25 SOIC8	SMD	SO-8	ST	KF25BD-TR	TR - small
123	U5	PM6680A	SMD	VFQFPN-32	ST	PM6680A	box
124	U6	STM6719TEWB6F	SMD	SOT23-6	ST	STM6719TGWB6F	TR - small
125		MSTB2.5/2-ST-5.08					
126		MSTB2.5/4-ST-5.08					
127		MSTB2.5/6-ST-5.08					
128		Box					
129		CD					