

BOM_PowerSwitch	STEVAL-PCN001V1
Company:	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	R1	1.5K	SMD 0805	Any	
2	20	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R43, R44, R45, R46, R47, R48, R49, R50, R51	47K	SMD 0805	Any	
3	1	R13	470E	SMD 0805	Any	
4	11	R14, R15, R16, R17, R18, R19, R20, R42, R52, R53, R34A	10K	SMD 0805	Any	
5	10	R21, R22, R23, R24, R25, R26, R27, R28, R29, R30	330E	SMD 0805	Any	
6	1	R35A	1K	SMD 0805	Any	
7	1	R33	1K5	SMD 0805	Any	
8	1	R32	4K7	SMD 0805	Any	
9	1	R35	5K1	SMD 0805	Any	
10	1	R32A	18K	SMD 0805	Any	
11	1	R34	0E	SMD 0805	Any	
12	1	R41	2K2	SMD 0805	Any	
13	1	R36	0.1E, 5W	Leaded	RS Components	RS199-6378
14	2	R31, R37	1E, 5W	Leaded	Any	
15	1	R40	5E, 5W	Leaded	Any	
16	1	R39	10E, 5W	Leaded	Any	
17	1	R38	50E, 2 W	Leaded	Any	
18	3	C1, C11, C12	4.7uF, 25V	RB- .2/.4	Any	
19	4	C2, C3, C4, C5	10uF, 25V	RB- .2/.4	Any	
20	1	C6	10nF	SMD 0805	Any	
21	2	C7, C8	33pF	SMD 0805	Any	
22	2	C9, C10	220nF	Leaded	Any	
23	2	C13, C14	100nF	SMD 0805	Any	
24	4	LD2, LD3, LD4, LD5		Thru Hole LED 3mm -Green	Any	
25	4	LD7, LD8 ,LD9, LD10		Thru Hole LED 3mm -Yellow	Any	
26	2	LD1, LD6		Thru Hole LED 3mm -Red	Any	
27	1	U1	LM238	TO-3	ST	LM238K
28	1	U2	ST2042BDR, or ST2044BDR, or ST2052BDR, or ST2054BDR,	SO-8 or SO-16	ST	ST2042BDR, or ST2044BDR, or ST2052BDR, or ST2054BDR,
29	1	U3	ST72F621J4	TQFP-44	ST	ST72F621J4T1
30	5	U4, U5, U6, U7, U8	STS8DNH3LL	SO-8	ST	STS8DNH3LL
31	1	U9	ST662A	SO-8	ST	ST662ABD-TR
32	1	Q1	BC557 or BC558	TO-92A	Any	
33	2	D1, D2	IN4148	DO-35	Any	
34	3	S1, S2, S3		Push Button	Any	
35	2	CON1, CON2	USB-B-TYPE	USB-B	Kycon	KUSB-BS-1-N-BLK
36	1	CON3	USB-A-TYPE	USB-A	Kycon	KUSB-AS-1-N-BLK
37	1	CON4	HEADER 5X2	IDC-10B	Any	
38	1	Y1	12MHz Crystal	XTAL-3	Any	
39	1	HS1	Heat Sink	HS-TO3	Any	
40	1	X1	VCC12V	RS738-547	FARNELL	150-039
41	1	X2	GND	RS738-547	FARNELL	150-040
42	4	J1, J2, J3, J4	CON11	SIP-11	Any	
43	2	J5, J6	CON8	SIP-8	Any	
44	3	JP1, JP2, JP3	CON2	SIP-2	Any	
45	1	JP4	CON3	SIP-3	Any	