

Bill of Material for STEVAL-ILL020V1

Document reference: STEVAL-ILL020V1	PCB reference:
Company: STMicroelectronics	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	1	C1	10uF, 35V, X5R	1210	Taiyo Yuden	UMK325BJ106KM-T		
2	1	C2	4.7uF, 50V, X7R	1206	Murata	GRM31CR71H475KA88B		
3	1	C3	n.m.	1206				
4	1	C4	n.m.	1210				
5	1	C5	1uF	0603				
6	1	C6	100nF	0603				
7	1	C7	3.3nF	0603				
8	1	C8	4.7nF	0603				
9	1	C9	n.m.	0603				
10	1	C10	220pF	0603				
11	1	C11	4.7nF	0603				
12	1	C12	n.m.	0603				
13	1	C13	n.m.	0603				
14	1	D1	STPS1L40M	DO216-AA	STM			
15	1	D2	red, 3mA	0603				
16	1	D3	n.m.					
17	1	J0	faston		Vogt AG	3780A08.61	Distrelec	450271
18	1	J1	faston		Vogt AG	3780A08.61	Distrelec	450271
19	1	J2	jumper to be closed by a tin drop					
20	1	J8	strip8, not mounted					
21	1	L1	6.8uH	6mm x 6mm	Coilcraft	LPS6235-682MLC		
22	1	R1	510kΩ, 0.1W, 1%	0603				
23	1	R2	16kΩ, 0.1W, 1%	0603				
24	1	R3	2.4kΩ, 0.1W, 1%	0603				
25	1	R4	4.7Ω, 0.1W, 1%	0603				
26	1	R5	330kΩ, 0.1W, 1%	0603				
27	1	R6	51kΩ, 0.1W, 1%	0603				
28	1	R7	180kΩ, 0.1W, 1%	0603				
29	1	R8	680kΩ, 0.1W, 1%	0603				
30	1	R9	100kΩ, 0.1W, 1%	0603				
31	1	R10	100kΩ, 0.1W, 1%	0603				
32	1	R11	1.2kΩ, 0.1W, 1%	0603				
33	1	R12	n.m.	0603				
34	1	R13	n.m.	0603				
35	1	SW1	strip3					
36	1	SW2	strip3					
37	1	SW3	switch 6x6		C&K components	KSC441J	RS components	505-9035
38	1	TP1	faston		Vogt AG	3780A08.61	Distrelec	450271
39	1	TP2	faston		Vogt AG	3780A08.61	Distrelec	450271
40	1	TP3	faston		Vogt AG	3780A08.61	Distrelec	450271
41	1	TP4	faston		Vogt AG	3780A08.61	Distrelec	450271
42	1	TP5	faston		Vogt AG	3780A08.61	Distrelec	450271
43	1	TP6	faston		Vogt AG	3780A08.61	Distrelec	450271
44	1	TP7	faston		Vogt AG	3780A08.61	Distrelec	450271
45	1	TP8	faston		Vogt AG	3780A08.61	Distrelec	450271
46	1	TP9	faston		Vogt AG	3780A08.61	Distrelec	450271
47	1	TP10	faston		Vogt AG	3780A08.61	Distrelec	450271
48	1	TP11	faston		Vogt AG	3780A08.61	Distrelec	450271
49	1	TP12	faston		Vogt AG	3780A08.61	Distrelec	450271
50	1	TP13	faston		Vogt AG	3780A08.61	Distrelec	450271
51	1	U1	LED7706	QFN 4x4 24L				