

STEVAL-ILL045V1

Item #	Designator	Comment	Description	Footprint	Quantity	Manufacturer	Vendor
1	BR1	BRIDGE SMT	1A DIP BRIDGE	RH0x	1	Diodes Inc RH06-T	Digikey RH06DICT-ND
2	C2, C3	0.1uF 250V	Capacitor	BoxSDLWH5-0.5-8-6.3-11.2	2	Panasonic ECQ-E2104KB	Digikey P10967-ND
3	C4	0.22uF 250V	Capacitor	BOXSDLWH7.5-0.6-10.3-6-10.8	1	Panasonic ECQ-E2224KB	Digikey P10971-ND
4	C5	1nF	Capacitor	0805	1	0805 X7R	
5	C6	4.7uF 25V	Capacitor	0805	1	Taiyo Yuden TMK212BJ475KG-T	Digikey 587-1782-1-ND
6	C7	10nF	Capacitor	0805	1	0805 X7R	
7	C8	10uF 35V	Capacitor	CEV5MMP	1	Nichicon UPW1V100MDD6	Digikey 493-1850-ND
8	C10	330pF	Capacitor	1206	1	AVX 12062A331JAT2A	Digikey 478-1433-6-ND
9	C11	330uF 63V	Capacitor	CEH12dx20L	1	Panasonic EEU-FC1J331	Digikey P10349-ND
10	D1	BAT48ZFILM	Schottky Diode	SOD-123	1	ST BAT48ZFILM	
11	D2	MMSD4148	Signal diode 150-200mA 100V 4ns	SOD-123	1	MMSD4148	
12	D3	STTH102A	Diode	SMA	1	ST STTH102A	
13	L2	4.7mHy	INDUCTOR	INDUC9MMVERT	1	Wurth 744 772 472 or 744 745 2 472	Digikey 732-3790-ND or 732-3084-ND
14	R1	10 Ohm Fusible	Resistor	resaxvert0.5w	1	Vishay/BC Components NFR0100001009JR500	Digikey PPC10CCT-ND
15	R2	390 0.5W	Resistor	RES0.5	1	Vishay NFR25H0003900JR500	Digikey PPC390BCT-ND
16	R3	270K	Resistor	1206	1	1206 5%	
17	R4	3.0K	Resistor	0805	1	0805 5%	
18	R5	1R00 1%	Resistor	1206	1	1206 1%	
19	R6	22K	Resistor	0805	1	0805 5%	
20	R7	2.4K	Resistor	0805	1	0805 5%	
21	R8	10K	Resistor	1206	1	1206 5%	
22	R9	43K	Resistor	1206	1	1206 5%	
23	T1	Cramer CSM 16VT-141	Cramer CSM2010 S-P Dual Sec	CRAMER CVP11	1	Cramer CSM 16VT-141	
24	U1	HVLED815PF	LED Driver PFC	SO-16 - no pad pin 12	1	ST HVLED815PF	