

STEVAL-ILL044V1							
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	C9	2200pF "Y"	Capacitor	Ycaphor	1	Murata DE2E3KH222MA3B	Digikey 490-4214-ND
9	C10	330pF	Capacitor	1206	1	AVX 12062A331JAT2A	Digikey 478-1433-6-ND
10	C11	330uF 63V	Capacitor	CEH12dx20L	1	Panasonic EEU-FC1J331	Digikey P10349-ND
11	D1	BAT48ZFILM	Schottky Diode	SOD-123	1	ST BAT48ZFILM	
12	D2	MMSD4148	Signal diode 150-200mA 100V 4ns	SOD-123	1	MMSD4148	
13	D3	STTH102A	Diode	SMA	1	ST STTH102A	
14	L1	CHOKE-CM	CHOKE COMMON-MODE	Würth 750311897	1	Würth 750311897	Digikey 732-3187-ND
15	R1	10 Ohm Fusible	Resistor	RES0.5	1	Vishay/BC Components NFR0100001009JR500	Digikey PPC10CCT-ND
16	R2	390 0.5W	Resistor	RES0.5	1	Vishay NFR25H0003900JR500	Digikey PPC390BCT-ND
17	R3	270K	Resistor	1206	1	1206 5%	
18	R4	3.0K	Resistor	0805	1	0805 5%	
19	R5	1R00 1%	Resistor	1206	1	1206 1%	
20	R6	16K	Resistor	0805	1	0805 5%	
21	R7	2.4K	Resistor	0805	1	0805 5%	
22	R8, R10	10K	Resistor	1206	2	1206 5%	
23	R9	43K	Resistor	0805	1	0805 5%	
24	T1	Cramer CSM 2010 -180	Cramer CSM2010 S-P Dual Sec	CRAMER CSM2010-CVP30	1	Cramer CSM 2010 -180	
25	U1	HVLED815PF	LED Driver PFC	SO-16 - no pad pin 12	1	ST HVLED815PF	