

BOM-STEVAL-ISA115V1						
ITEM	Ref.	Part	Description	Manufacturer	package	R.S.cod.
1	C1	4.7uF, 400V	electrolytic capacitor	SAMXON		
2	C2	4.7uF, 400V	electrolytic capacitor	SAMXON		
3	C3	2.2uF, 25V	ceramic capacitor	Murata	SMD: 0805	723-6366
4	CFB	n.c	ceramic capacitor		SMD: 0805	
5	CF	100nF, 50V	ceramic capacitor	Murata	SMD: 0805	723-5048
6	CC	n.c	ceramic capacitor		SMD: 0805	
7	C7	22nF, 25V	ceramic capacitor	Murata	SMD: 0805	624-2575
8	C8	150nF, 50V	ceramic capacitor	Murata	SMD: 0805	723-6111
9	C9	100uF, 25V	electrolytic capacitor	Rubycon, ZL series		
10	D1	1N4007	high voltage rectifier	Fairchild	DO-41	671-5468
11	D3	STTH1L06	high voltage ultra fast rectifier	ST	SMB (SOD87)	
12	D4	STTH1L06	high voltage ultra fast rectifier	ST	SMB (SOD87)	
13	Daux	1N4148	100V-0.15A fast switch. diode	Diodes Zetex	SOD-123	751-2727
14	IC	VIPer06XS	high voltage converter	ST	SSO-10	
15	L1	1mH	input filter inductor	EPCOS	SMD	495-8262
16	L2	RFB0810-152	1.5mH power inductor	COILCRAFT		
17	R1	22ohm, 1%	1W resistor	PANASONIC	SMD 2010	572-823P
18	R3	1.2kohm, 1%	1/4W resistor	PANASONIC	SMD: 0805	721-7753
19	R4a	12kohm, 1%	1/4W resistor	PANASONIC	SMD: 0805	721-7832
20	R4b	0ohm	1/4W resistor		SMD: 0805	
21	R5a	0ohm	1/4W resistor		SMD: 0805	
22	R5b	33kohm, 1%	1/4W resistor	PANASONIC	SMD: 0805	721-7864
23	R6	not mounted	1/4W resistor		SMD: 0805	
24	Rbl	10kohm, 1%	1/4W resistor	PANASONIC	SMD: 0805	721-7820
25	IN	2 WAY screw connector	INPUT CONNECTOR	PHOENIX CONTACT		220-4260
26	OUT	2 WAY screw connector	OUT CONNECTOR	PHOENIX CONTACT		220-4260