

STEVAL-ISA162V1

ITEM	Reference	Part number	Manufacturer	Description	Package Information
1	IN	282837-2	TE Connectivity	Input connector	
2	OUT	282837-2	TE Connectivity	Output connector	
3	RV	B72210S0321K101	EPCOS	MOV	
4	BR	RMB6S	Taiwan Semiconductor	Bridge rectifier	DFS
5	FS	SS-5H-2-5A-BK	Cooper Bussmann	2.5A fuse	
6	R1	ERJ-P08J224V	Panasonic	220kΩ±5% - 0.33W - 200V	1206
7	R2	ERJ3RQF4R7V	Panasonic	4.7Ω±1% - 0.1W	0603
8	R3	ERJT06J561V	Panasonic	560Ω±5% - 0.25W	0805
9	R4	ERJP03F6203V	Panasonic	620kΩ±1% - 0.2W	0603
10	R5	ERJP03F6802V	Panasonic	68kΩ±1% - 0.2W	0603
11	R6	ERJP03F2202V	Panasonic	22kΩ±1% - 0.2W	0603
12	R7	ERJP03F3302V	Panasonic	33kΩ±1% - 0.2W	0603
13	R8	ERJ3GEYJ102V	Panasonic	1kΩ±5% - 0.1W	0603
14	R9	ERJP03F1003V	Panasonic	100kΩ±1% - 0.2W	0603
15	R10	ERJP03F2003V	Panasonic	200kΩ±1% - 0.2W	0603
16	R11	NTR06B1303CTR1KF	NIC Components	130kΩ±0.1% - 0.063W	0603
17	R12	ERA3AEB153V	Panasonic	15kΩ±0.1% - 0.1W	0603
18	C1	ECQUAAF104M	Panasonic	100nF-275V X2 cap	(17.5x5)mm
19	C2	UVC2G150MPD	Nichicon	Elcap 15uF-400V	Ø10mm - p5mm - h 18mm
20	C3	GRM31A5C2J221JW01D	Murata	MLCC capacitor 220pF-630V	1206
21	C4	VJ0603A101JNAAO	Vishay	MLCC capacitor 100pF-50V	0603
22	C5	ECEA1VKS100	Panasonic	Elcap 10uF-35V	Ø5mm - p2mm - h 5mm
23	C6	GRM1885C1H102FA01D	Murata	MLCC capacitor 1nF-50V	0603
24	C7	GRM188R71H333KA61D	Murata	MLCC capacitor 33nF-50V	0603
25	C8	25ZLG220MEFC8X11.5	Rubycon	Elcap 220uF-25V	Ø8mm - p3.5mm - h 11.5mm
26	C9	25YXJ100M5X11	Rubycon	Elcap 100uF-25V	Ø5mm - p2mm - h 11mm
27	C10	GRM188C81E105KAADD	Murata	MLCC capacitor 1uF-25V	0603
28	C11	GRM188R71H223KA01D	Murata	MLCC capacitor 22nF-50V	0603
29	C12	DE2E3KY222MA2BM01	Murata	Ceramic X1/Y1 capacitor 2.2nF 250Vac	Ø8 mm - p5 mm
30	D1	MRA4007T3G	Onsemi	DIODE GEN PURPOSE 1000V 1A	SMA
31	D2	BAT41ZFILM	STMicroelectronics	Signal schottky 0.2A-100V	SOD-123

32	D3	BAT41ZFILM	STMicroelectronics	Signal schottky 0.2A-100V	SOD-123
33	D4	MMSZ5248B-V-GS08	Vishay	Zener diode 18V	SOD-123
34	D5	STPS5H100B	STMicroelectronics	Power Schottky 100V-5A	DPAK
35	L2	SD43-332ML	Coilcraft	3.3uH	
36	IC	VIPER25HD	STMicroelectronics	HV converter	SO16 narrow
37	CM	744821120	Wurth Elektronik	20mH CM CHOKE	
38	OPT	SFH610A-2	Vishay	Optocoupler	SMD4
39	REF	TS432ILT	STMicroelectronics	Reference	SOT23
40	T1	YJ-310V600310	Yujingtech	Flyback transformer	EE13VP-11