

STEVAL-ISA171V1

ITEM	QTY	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		RB	DBLS105G	Taiwan Semiconductor	Bridge rectifier	DBLS
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	CRCW0603133KFKEA	Vishay	133kΩ±1% - 0.1W	0603
9		R4	ERJP03F3002V	Panasonic	30kΩ±1% - 0.1W	0603
10		R5	ERJT06J221V	Panasonic	220Ω±5% - 0.25W	0805
11		R6	ERJ-3EKF4702V	Panasonic	47kΩ±1% - 0.1W	0603
12		R7	ERJ3GEYJ102V	Panasonic	1kΩ±5% - 0.1W	0603
13		R8	ERJ3GEYJ123V	Panasonic	12kΩ±5% - 0.1W	0603
14		R9	ERJ3GEYJ823V	Panasonic	82kΩ±5% - 0.1W	0603
15		R10	ERJP03F1203V	Panasonic	130kΩ±1% - 0.2W	0603
16		R11	ERJP03F1502V	Panasonic	15kΩ±1% - 0.2W	0603
17		R12	ERJ3RED3303V	Panasonic	330kΩ±1% - 0.1W	0603
18		C1	ECQUAAF104M	Panasonic	100nF-275V X2 cap	(17.5x7)mm
19		C2	UVC2G150MPD	Nichicon	Elcap 15uF-400V	Ø10mm - p5mm - h 18mm
20		C3	UVC2G150MPD	Nichicon	Elcap 15uF-400V	Ø10mm - p5mm - h 18mm
21		C4	C3216C0G2J102JT	TDK	MLCC capacitor 1nF-630V	1206
22		C5	GRM188R71H221KA01D	Murata	MLCC capacitor 220pF-16V	0603
23		C6	35YXM33MEFC5X11	Rubycon	Elcap 33uF-35V	Ø5mm - p2mm - h 11mm
24		C7	GRM1885C1H222FA01D	Murata	MLCC capacitor 2.2nF-50V	0603
25		C8	GRM188R71H333KA61D	Murata	MLCC capacitor 33nF-16V	0603
26		C9	25ZLJ470M10X12.5	Rubycon	Elcap 470uF-25V	Ø10mm - p5mm - h 12.5mm
27		C10	25YXJ100M5X11	Rubycon	Elcap 100uF-25V	Ø5mm - p2mm - h 11mm
28		C11	GRM188C81E105KAADD	Murata	MLCC capacitor 1uF-25V	0603
29		C12	GRM188R71H103KA01D	Murata	MLCC capacitor 10nF-50V	0603
30		C13	DE2E3KY222MA2BM01	Murata	Ceramic X1/Y1 capacitor 2.2nF 250Vac	Ø8 mm - p5 mm
31		D1	MRA4007T3G	ON Semiconductor	1A-1000V Power rectifier diode	SMA

32		D2	BAT41ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
33		D3	BAT41ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
34		D4	BAT41ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
35		D5	MMSZ5248B-V-GS08	Vishay	Zener diode 18V	SOD-123
36		D6	STPS5H100B	STMicroelectronics	Power Schottky 100V-5A	DPAK
37		L1	SD43-332ML	Coilcraft	3.3uH	
38		CM	744821120	Würth Elektronik	20mH CM CHOKE	
39	6	IC1	VIPer35HD	STMicroelectronics	Offline HV converter	S016
40		OPT	SFH6106-2T	Vishay	Optocoupler	SMD4
41		REF	TS432ILT	STMicroelectronics	Reference	SOT23
42		T1	750370228 rv. 0	Würth Elektronik	Flyback transformer	EE20