

STMicroelectronics: STEVAL-ISA002V1

Qty	Ref	Part Description	Mfg P/n	Mfg	Geometry	Mounting
1	BR1	DipBridge 600V 1A	DB105	Micro Commercial	4 Pin DIP	TH
1	C1	4.7uF 400V Electrolytic	TKR2G4R7D	Compostar	Radial	TH
1	C2	10uF 400V Electrolytic	EEU-EB2G100	Panasonic	Radial	TH
1	C3	47pF 1kV Ceramic	ECC-D3A470JGE	Panasonic	Radial	TH
1	C4	22uF 25V Electrolytic	ECA-1EM220	Panasonic	Radial	TH
1	C5	4.7nF 250V Y1 Capacitor	ECK-DBA472ME	Panasonic	Radial	TH
2	C6,C9	0.01uF 50V Ceramic	ECU-S1H1-3KBA	Panasonic	Radial	TH
1	C7	330uF 25V Electrolytic	EEU-FC1E331L	Panasonic	Radial	TH
1	C8	100uF 25V Electrolytic	EEU-FC1E101S	Panasonic	Radial	TH
1	C11	0.047uF 250V boxcap	ECQ-U2A473MG	Panasonic	Radial	TH
1	D2	1N4148	1N4148	Micro Commercial	Axial DO-35	TH
1	D3	BYW100-200 Diode	BYW100-200	STMicroelectronics	Axial DO-15	TH
1	F1	Fuse 0.5A TR4	TR5 372	Wickman	Radial	TH
2	J1,J2	2 Pos Connector	MKDSN1.5/2	Phoenix Contact	2 Pins	TH
1	L1	45mH Common mode choke	08340	JW Miller (Bourns)	4 Pins	TH
			FUU10S-V24503-Q22650	Compostar		
1	L4	10uH inductor	08341	JW Miller (Bourns)	Radial	TH
			RFB0810-100	Coilcraft		
1	R1	12ohms 5% 0.25W carbon comp	OD120J	Ohmite	Axial	TH
1	R2	2kohms 5% 0.5W	~	~	Axial	TH
1	R3	9.1kohms 5% 0.25W	~	~	Axial	TH
1	R4	220ohms 5% 0.25W	~	~	Axial	TH
1	R5	1kohms 5% 0.25W	~	~	Axial	TH
1	R6	13.3kohms 1% 0.25W	~	~	Axial	TH
1	R7	3.48kohms 1% 0.25W	~	~	Axial	TH
1	R8	4.7ohms 5% 0.25W	~	~	Axial	TH
1	TR1	Transformer	08377	JW Miller (Bourns)		TH
			31981	Midcom		
1	U2	Optocoupler	H11A817A/LTV817A	Fairchild/LiteOn	4 Pin DIP	TH
1	U3	TL431	TL431ACZ	STMicroelectronics	TO92	TH
1	U4	VIPer12A	VIPer12ADIP-E	STMicroelectronics	8 Pins DIP	TH
1	W1	22 Ga Solid Bus Wire	~	~		TH