

STMicroelectronics: STEVAL-ISA021V1

Qty.	Ref.	Description	Manufacturer's P/N	Manufacturer	Geometry	Mtg.
1	BR1	Rectifier Bridge 1000V 2A	KBP210G	Diodes, Inc.	KBP(D-44)	TH
1	C1	0.047 $\mu$ F 250V boxcap	ECQ-U2A473ML	Panasonic		TH
1	C2	22 $\mu$ F/400V electrolytic	EEU-EB2G220	Panasonic	Radial	TH
1	C3	100pF/1kV ceramic	ECK-D3A101KBP	Panasonic		TH
1	C4	22 $\mu$ F/25V electrolytic	ECA-1EM220	Panasonic	Radial	TH
1	C6	0.01 $\mu$ F 50V ceramic	B37981M5103K000	EPCOS, Inc.		TH
1	C8	4.7nF/250V Y cap	ECK-DNA472ME	Panasonic	Disc	TH
1	C9	1500 $\mu$ F/25V electrolytic	EEU-FC1E152	Panasonic	Radial	TH
1	C10	100 $\mu$ F/25V electrolytic	EEU-FC1E101S	Panasonic	Radial	TH
1	C11	0.01 $\mu$ F 50V ceramic	B37981M5103K000	EPCOS, Inc		TH
1	C12	10 $\mu$ F/400V electrolytic	EEU-EB2G100	Panasonic	Radial	TH
1	D1	Rectifier 0.15A 75V	1N4148	Micro Commercial	DO-35	TH
1	D2	Fast Recovery Rectifier Diode 3A 200V	<b>BYW98-200</b>	<b>STMicroelectronics</b>	DO-201AD	TH
1	F1	0.5A T-LAG Fuse TR5	3720500041	Wickmann USA	TR5	TH
2	J1, J2	2 POS Connectors	1729018	Phoenix Contact		TH
1	L1	2 $\times$ 30mH common-mode line choke	08440	JW Miller (Bourns)		TH
			FUU10S-V23003-Q22630	Compostar		
1	L2	Coilcraft 10 $\mu$ H inductor	08341	JW Miller (Bourns)	Radial	TH
			RFB0810-100	Coilcraft		
1	R1	5 $\Omega$ 5% 1W wire wound	ALSR1J-5	Huntington Elec.	Axial	TH
1	R2	2k $\Omega$ 5% 0.5W	~	~	Axial	TH
1	R4	68 $\Omega$ 5% 0.25W	~	~	Axial	TH
1	R5	3.48k $\Omega$ 1% 0.25W	~	~	Axial	TH
1	R6	470 $\Omega$ 5% 0.25W	~	~	Axial	TH
1	R7	9.1k $\Omega$ 5% 0.25W	~	~	Axial	TH
1	R8	13.3k $\Omega$ 1% 0.25W	~	~	Axial	TH
1	T1	Transformer	CVP32-001	Cramer Coil		TH
1	U1	Offline SMPS Primary Switcher	<b>VIPer22ADIP-E</b>	<b>STMicroelectronics</b>	DIP-8	TH
1	U2	Optocoupler	H11A817	Fairchild	DIP-4	TH
1	U3	Programmable Voltage Reference	<b>TL431AIZ</b>	<b>STMicroelectronics</b>	TO92	TH
2	W1, W2	22 Ga. Jumper wire	~	~	Axial	TH