

STMicroelectronics: STEVAL-ILL005V1

Qty	Ref	Part Description	Mfg P/N	Mfg	Geometry	Mounting
1	C1	4.7uF 400V Electrolytic	TKR2GM4R7D	Compostar	Radial	TH
1	C2	10uF 400V Electrolytic	TKR2GM100D	Compostar	Radial	TH
1	C3	47pF 1kV Ceramic	ECC-D3A470JGE	Panasonic	Radial	TH
1	C4	22uF 50V Electrolytic	EEU-FC1H220	Panasonic	Radial	TH
1	C5	4.7nF 250V Ceramic	ECK-DBA472ME	Panasonic	Radial	TH
1	C6	0.33uF 50V Ceramic	ECU-S1H334KBB	Panasonic	Radial	TH
1	C7	220uF 25V Electrolytic	EEU-FC1E221	Panasonic	Radial	TH
1	C8	0.1uF 50V Ceramic	ECU-S1H104BB	Panasonic	Radial	TH
1	C11	0.047uF 250V boxcap	ECQ-U2A473MG	Panasonic	Radial	TH
1	D1	DipBridge 600V 1A	DB105	Micro Commercial	Radial	TH
1	D2	STTH102 Diode	STTH102	STMicroelectronics	Axial DO-41	TH
1	D3	STTH152 Diode	STTH152	STMicroelectronics	Axial DO-15	TH
1	F1	Fuse TR5 0.5A	TR5 372	Wickman	Radial	TH
1	J1	Phoenix 2 PIN Connector	MKDSN1.5/2	Phoenix Contact	Radial	TH
2	J2, J3	0.1" 2 Pos Current select jumper	22-28-4020	Molex	2 pin	TH
1	J4	0.1" 6 Pos R/A Stackable receptacle	535676-5	Tyco	6 pin	TH
1	L1	45mH common mode choke	08340	JW Miller (Bourns)		TH
			FUU10S-V24503-Q22650	Compostar		
1	R1	6.8Ω 5% 0.25W carbon comp resistor	OD68GJ	Ohmite	Axial	TH
1	R2	100Ω 5% 0.5W resistor	~	~	Axial	TH
1	R3	6.2kΩ 5% 0.25W resistor	~	~	Axial	TH
1	R4	100Ω 5% 0.25W resistor	~	~	Axial	TH
1	R5	750Ω 5% 0.25W resistor	~	~	1206	SMD
3	R12, R13, R14	0.5Ω 5% 0.5W resistor	~	~	Axial	TH
1	R7	10kΩ 5% 0.25W resistor	~	~	Axial	TH
1	R8	10Ω 5% 0.25W resistor	~	~	Axial	TH
1	R9	2.2kΩ 5% 0.5W resistor	~	~	Axial	TH
1	R10	1kΩ 5% 0.25W resistor	~	~	Axial	TH
1	R11	1kΩ 5% 0.25W resistor	~	~	1206	SMD
1	R15	24kΩ 5% 0.25W	~	~	1206	SMD
1	R16	2.2kΩ 5% 0.25W	~	~	1206	SMD
1	T1	Transformer	08338	JW Miller (Bourns)		TH
			CVP11-047	Cramer Coil		
1	U2	Dual OpAmp&Voltage Ref.	TSM103ID	STMicroelectronics	SO8	SMD
1	U3	Optocoupler	H11A817A/LTV817A	Fairchild/LiteOn	4 Pin DIP	TH
1	U4	VIPer12A	VIPer12ADIP-E	STMicroelectronics	8 PIN DIP	TH
1	W1	22 Ga Solid Bus Wire	~	~	Axial	TH
2	~	2 Pos Shunt (Shorting Jumper)	~	~		