

STMicroelectronics: STEVAL-ILL007V1

Quantity	Ref	Part Description	Mfg P/N	Mfg	Geometry	Mounting
1	C1	1200uF/35V electrolytic	EEU-FC1V122L	Panasonic	Radial	TH
1	C2	220pF/50V ceramic	~	any	0805	SMD
2	C3, C4	22nF/50V ceramic	~	any	0805	SMD
1	C5	4.7nF/50V ceramic	~	any	0805	SMD
5	D2, D4, D5, D6, & D7	Low Drop Power Schottky Rectifier	STPS2L40U	STMicroelectronics	SMB	SMD
1	J1	Phoenix 2 Pin Connector	MKDSN1.5/2	Phoenix Contact		TH
2	J2, J4	Current Select Jumper	22- 28 -4020	Molex		TH
1	J3	Stackable Receptacle	535676-5	Tyco	6 pin	TH
1	L1	Inductor	DO3316P-683	Coilcraft		SMD
1	Q1	PNP Transistor	MMBT3906	STMicroelectronics	SOT23	SMD
3	Rs, Rs2, Rs3	0.68ohms 1% 1/4W	~	any	2010	SMD
1	R1	2.74kohms 1% 1/8W	~	any	0805	SMD
1	R2	1.33kohms 1% 1/8W	~	any	0805	SMD
1	R3	4.7kohms 5% 1/8W	~	any	0805	SMD
1	R4	240kohms 5% 1/8W	~	any	0805	SMD
1	U1	Step down controller	L5973D	STMicroelectronics	SO8	SMD