

Squirco Power BOM

Count	Part Name	Value	Description	Size	Part Number	MFR
3	D1 D2 D3	RS1KB-13-F	DIODE GEN PURP 800V 1A SMB	SMB	RS1KB-13-F	Diodes
1	F1		FUSE BOARD MNT 1A 250VAC 125VDC	10.10mm x 3.00mm	3403.0166.11	Schurter
1	J1*		Micro USB connector			std
1	JP2		CONN TERM BLOCK 3POS 5MM STR PCB		1825970000	Weidmuller
1	P1		3W AC-DC Converter		VTX-214-003-105	Vigortronix
1	Q1	BSS138	MOSFET N-CH 50V 220MA SOT-23	SOT23	BSS138	std
1	R11	39	RES SMD 39 OHM 1% 1/10W 0603	0603	std	std
1	S1	ALQ305	RELAY GEN PURPOSE SPST 10A 5V		ALQ305	Panasonic
3	SC1	P1 P2 P4	MICRO UNIVERSAL CONTACT Z 4.0MM		120220-0315	ITT Cannon

Notes:

1. J1 is only needed for development prototypes as an alternate power source