



Bill of Materials

Item	Designator	Comment	Quantity	Description
1	C1-C3	10uF	3	CAP CER 10UF 16V X5R 0603
2	C4	100pF	1	CAP CER 100PF 50V NP0 0603
3	C5	100uF	1	CAP ALUM 100UF 20% 80V SMD
4	C6	22uF	1	
5	CON1	OSTTA024163	1	2 Position Wire to Board Terminal Block Horizontal with Board 0.200" (5.08mm) Through Hole
6	D1	ES3J	1	
7	L1	DA2034 Transformer	1	
8	LT3750	LT3750	1	
9	P1, P2	Header 12	2	Header, 12-Pin
10	Q1	CSD18540Q5BT	1	MOSFET N-CH 60V 100A 8VSON
11	R1	100K	1	RES 100K OHM 1/10W 1% 0402 SMD 1
12	R2	33K	1	RES 33K OHM 1/10W 1% 0402 SMD
13	R3	42K2	1	RES 42.2K OHM 1/10W 1% 0402 SMD
14	R4	2K2	1	RES 2.2K OHM 1/10W 1% 0402 SMD
15	R5	15m	1	Current Sense Resistors - SMD 1Watt 0.015Ohms 1%

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
□	24	0.90mm	Plated	None
○	2	1.30mm	Plated	None
	26 Total			