

Designator	Comment	Footprint	Quantity
C1	270pF	C0603	1
C2	100uF	RVT	1
C3	0.1uF	C0603	1
C4	0.1uF	C0603	1
C5	0.1uf	C0603	1
C6	330uF/50V	CAPPR5-10X20 - duplicate	1
C7	0.1uf	C0603	1
C8	0.1uf	C0603	1
D1	LED	LED0603	1
D2	LED	LED0603	1
D3	S210	D-SMA	1
D4	LED	LED0603	1
Fid1	Fiducial	Fiducial-A	1
Fid2	Fiducial	Fiducial-A	1
Fid3	Fiducial	Fiducial-A	1
J1	XH-4A	XH-4A	1
J2	INPUT1	DG301-5.0	1
J3	Power	DG302-5.0	1
J4	OUTPUT	DG301-5.0	1
L1	47uH/1A	L7*7*4	1
M1	Heat sink	HEATSINK_DRIVE_TB67S109	1
R1	1K	R0603	1
R2	4.7K	R0603	1
R3	4.7K	R0603	1
R4	4.7K	R0603	1
R5	0.3Ω	R1206	1
R6	0.3Ω	R1206	1
R7	0.3Ω	R1206	1
R8	330	R0603	1
R9	100K	R0603	1
R10	1.8K	R0603	1
R11	100K	R0603	1
R12	330	R0603	1
R13	10K	R0603	1
R14	330	R0603	1
R15	1.8K	R0603	1
R16	100K	R0603	1
R17	10K	R0603	1
R18	1.8K	R0603	1
R19	0.3Ω	R1206	1
R20	0.3Ω	R1206	1
R21	0.3Ω	R1206	1
R22	3.3K	R0603	1
R23	10K	R0603	1
R24	560K	R0603	1
R25	15K	R0603	1
R26	330	R0603	1
R27	100K	R0603	1
R28	100K	R0603	1
R29	100K	R0603	1

RPm1	10K	3362P	1
SW1	SW-DIP3	SW_DIP-3	1
U1	6N137	DIP-8	1
U2	TB67S109AFTG	QFN-48_7x7x05P	1
U3	4N35	DIP-6	1
U4	TLP521	DIP-4	1
U5	XL7005A	SOIC8E	1
U6	74HC123D-Q100	SO-16	1