

Component	Value	Unit	Size	Max Current Rating [A]	Forward Voltage [V]	Maximum Voltage [V]	Minimum Voltage [V]
R _{sns}	0,133	[Ω]	1206				
L1	100	[μH]	7[mm] x 7[mm]	5			
Ds1	General porpuse Diode	[-]	F3-B	2	0,66		
M1	N Mosfet	[-]	SOT-223	2,8		60	
D3	Schottky Diode	[-]	SMA	2		60	
D2	50[W] LED	[-]	350[mm]x350[mm]	2	28	31	28
R _{on}	200000	[Ω]	1206				
R _{vout}	4700	[Ω]	1206				
C _b	2,2E-08	[F]	1206				
C _f	1,0E-07	[F]	1206				
C _c	1,0E-07	[F]	1206				
C _{in}	1,5E-05	[F]	1206				
R _{cs}	1000	[Ω]	1206				