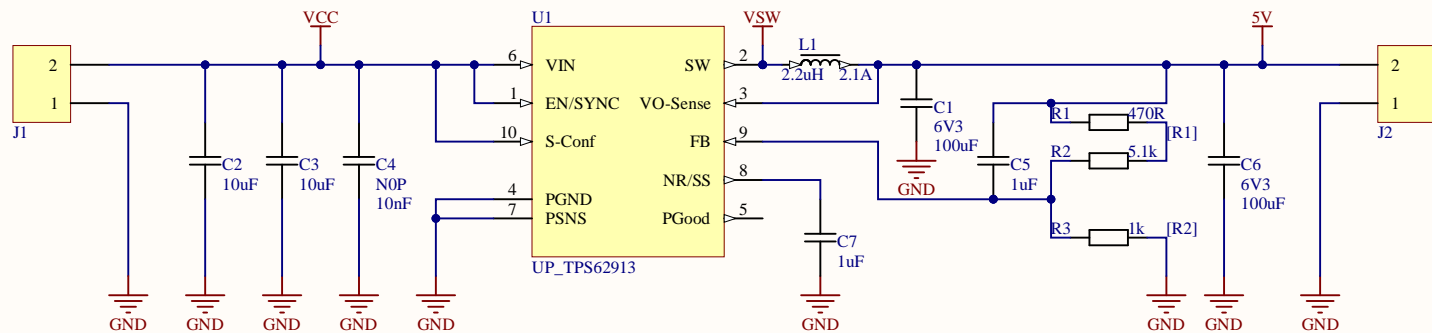


1

2

3

4



$$R1 = R2 * (V_{Out} / 0.8V - 1)$$
$$R1 = 1k * (5.25V / 0.8V - 1) = 5563R$$

Features

Low Noise, Low Ripple Buck
<17V Input
3A Out
2.2 MHz
Ferrite Compensation
5.25 V Out

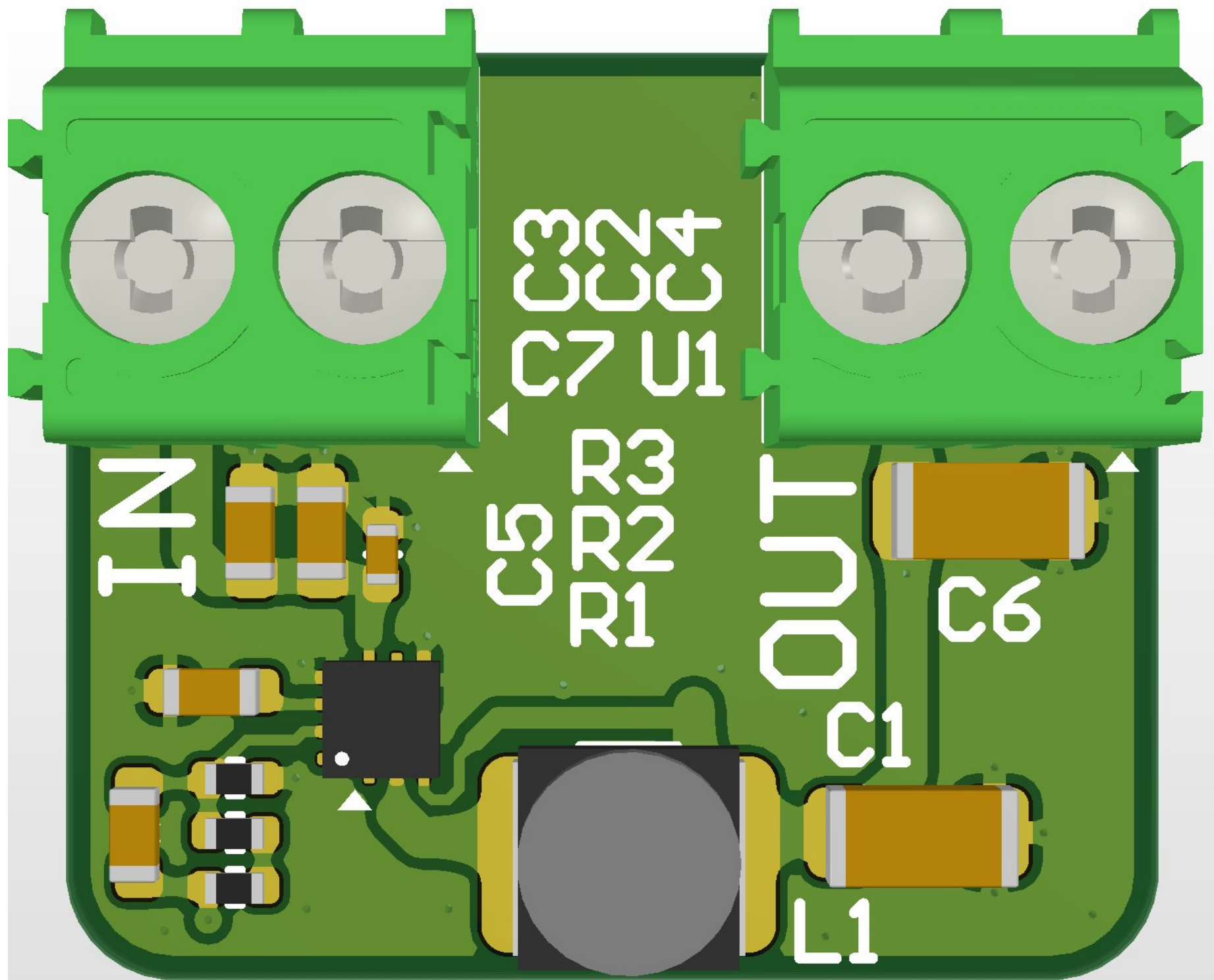
Title Power-Board NES Lab / TU Dresden		
Size A4	Number	Revision
Date: 9.17.2023	Sheet of shepherd_power.PriPcb	
File: C:\Users\...\overview.SchDoc	Drawn By: Ingmar	

1

2

3

4





V17U IN



GND

Low Noise

2A



S2 OUT



GND