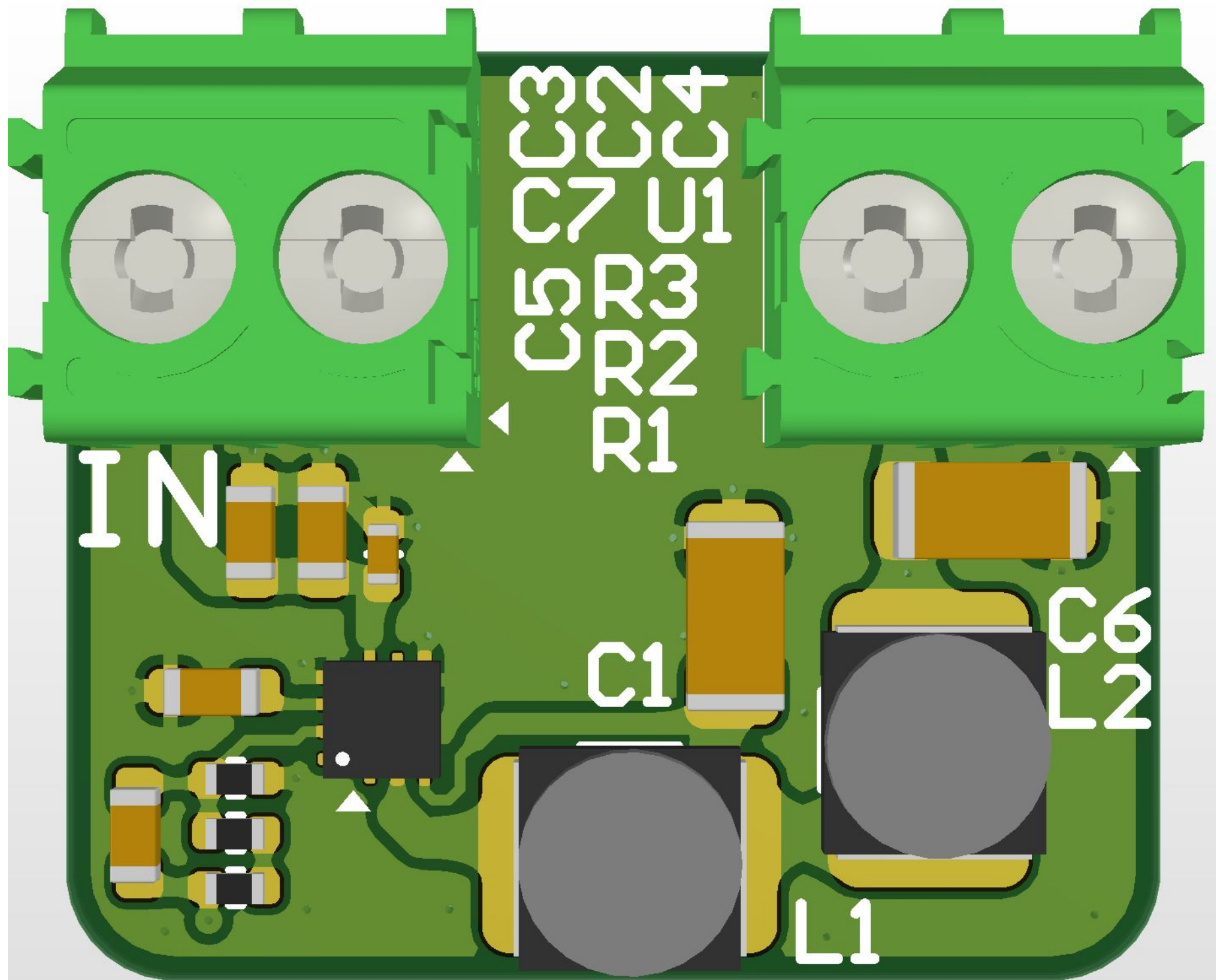


$R1 = R2 * (V_{Out} / 0.8V - 1)$
 $R1 = 1k * (5.25V / 0.8V - 1) = 5563R$

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: 4.17.2023	Sheet of shepherd_power.PrjPcb	
File: C:\Users\...\overview.SchDoc	Drawn By: Ingmar	





V17U IN



GND

Low Noise



2E SC OUT



GND