

R1

Vin2	3 V
Vin1	4.2 V
Vout	3.3 V
Vfb	0.5 V
R1	1204000 Ω
R2	215000 Ω

2.33E-06

Inductor

V from the data sheet calculations

Lbuck	0.00000045 H		1.5	3
Lboost	0.00000165 H	0.0000022	4.7	6.1

Current

f	2200000.000 Hz	
I _{out}	0.100 A	
I ₁	0.198 A	0.222402597
I ₂	0.166 A	

Cout

0.000011 F

E3

22 μ F

Cout