

Summary Report: E522.01

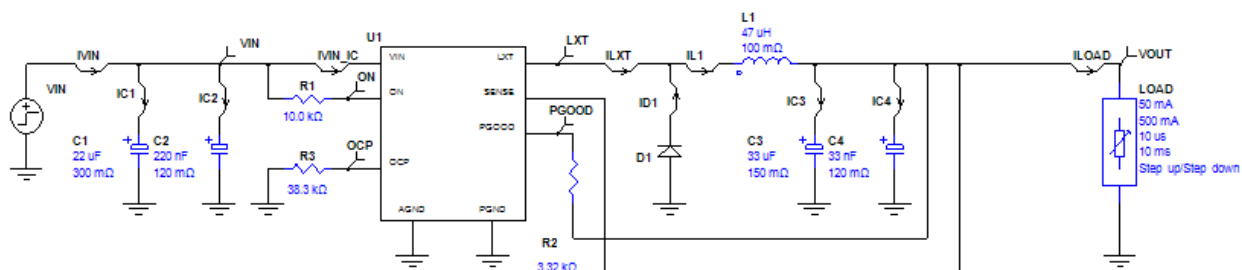
Operating Conditions

Vin Nominal 15 V
Iout 0.5 A

Bill of Materials

Ref	Qty	Description
Capacitors		
C1	1	Capacitor 22uF, 20V ESR 300mΩ TOL 20%
C2	1	Capacitor 220nF, 20V ESR 120mΩ TOL 20%
C3	2	Capacitor 33uF, 6.3V ESR 150mΩ TOL 20%
C4	2	Capacitor 33nF, 6.3V ESR 120mΩ TOL 20%
Diodes		
D1	1	Diode SS14, Vd 50
Inductors		
L1	1	Inductor 47uH, DCR 100mΩ
Resistors		
R1	1	Resistor 10.0kΩ, PWR 10mW
R2	1	Resistor 3.32kΩ, PWR 7.53mW
R3	1	Resistor 38.3kΩ, PWR 6.53uW
Others		
U1	1	

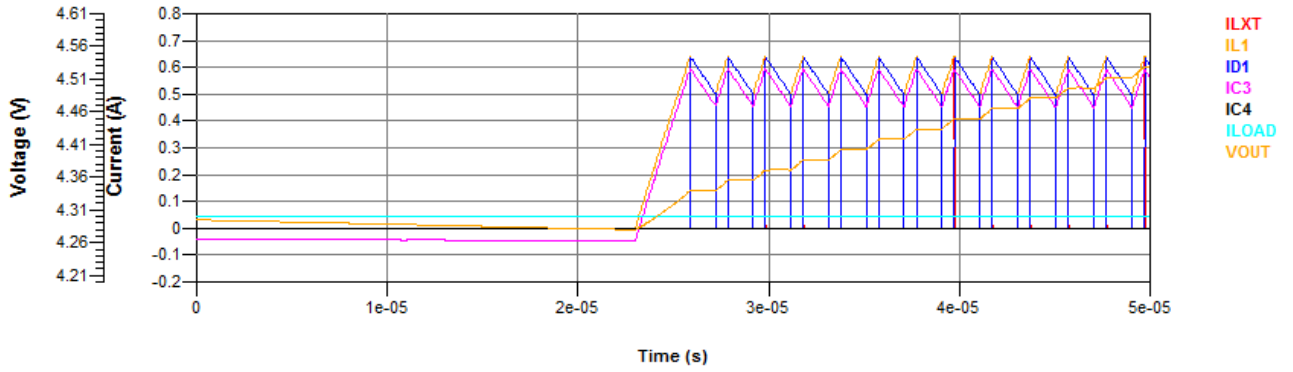
Configured Schematic



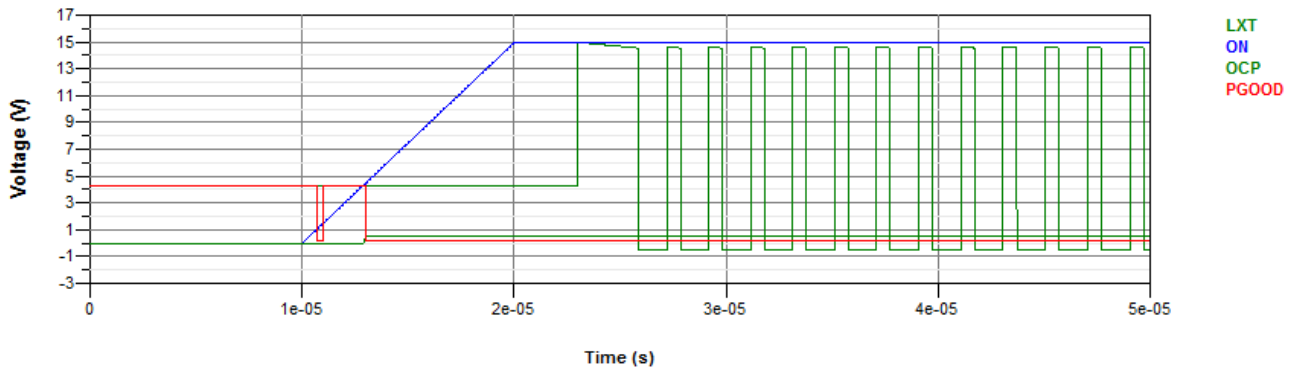
Waveforms

Transient Results

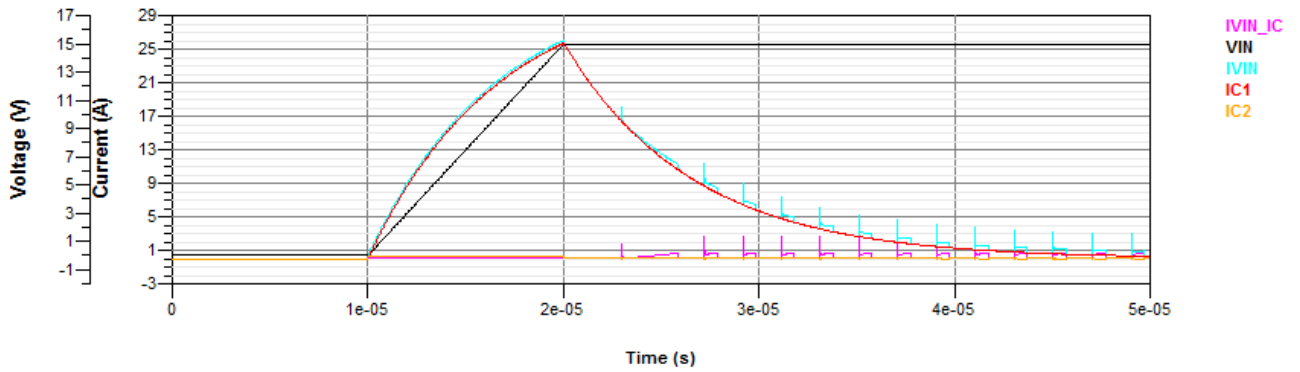
OUTPUT



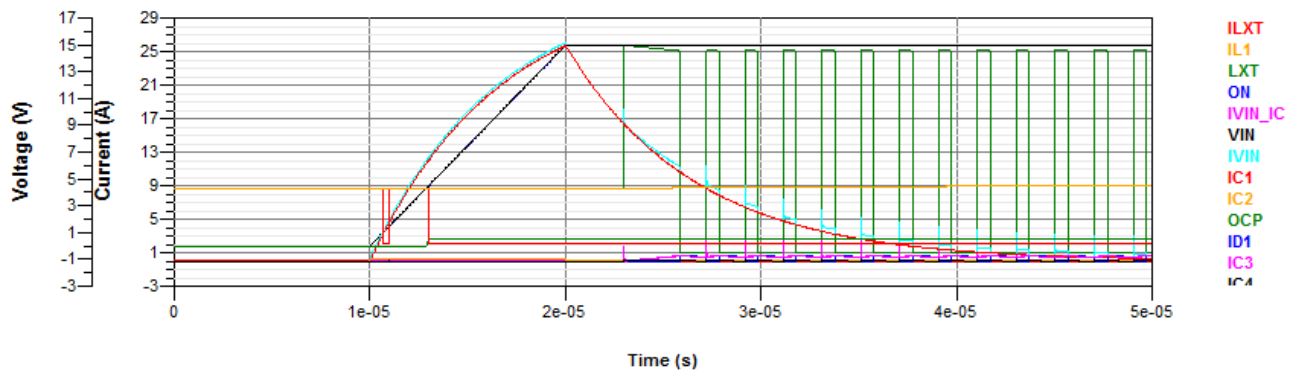
IC



INPUT



ALL



OUTALLPUT

