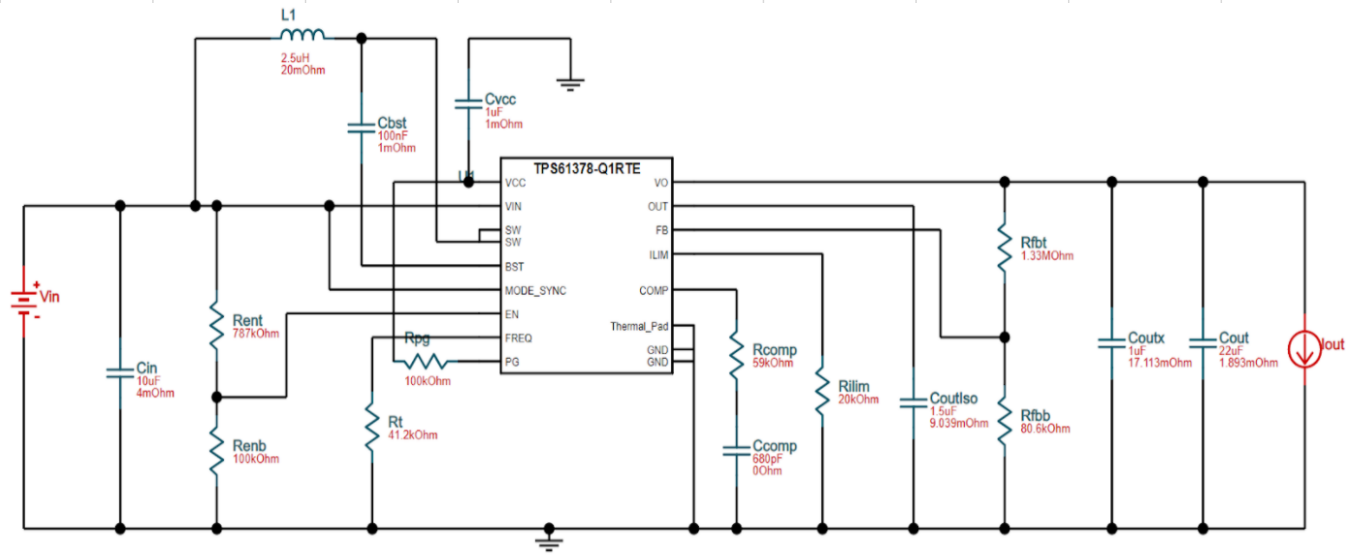
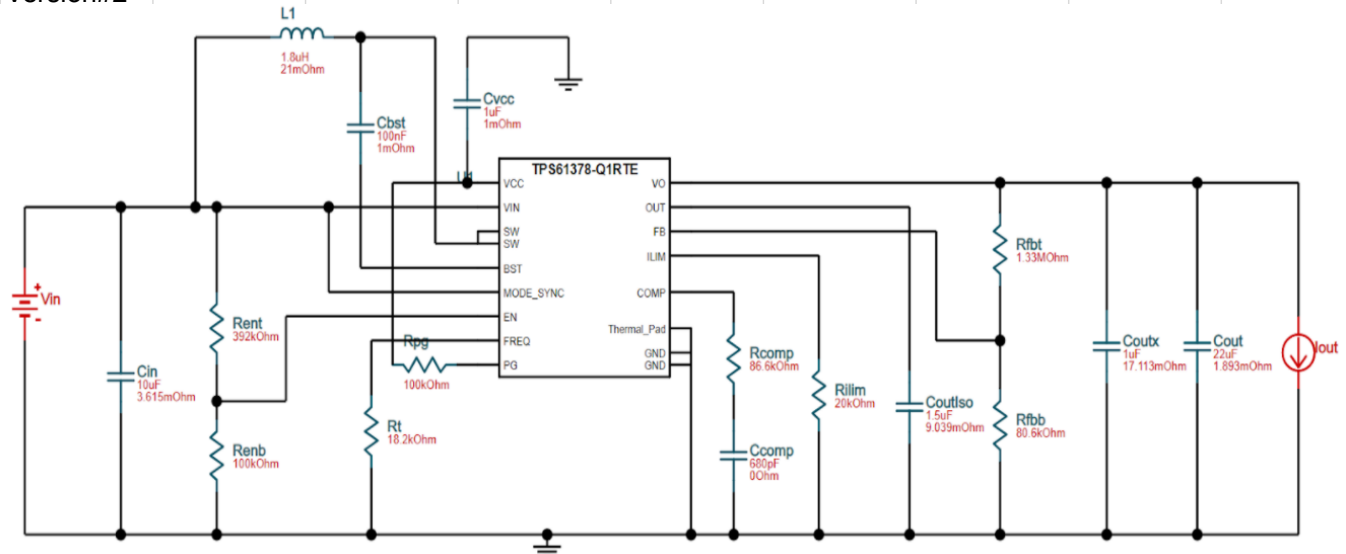


Version #1



Version#2



BOM1

No.	Part	Manufacturer	Part Number	Quantity	Description
1	Rfbb	Vishay-Dale	CRCW040280K6FKED	1	Resistance: 80.6 kΩ Tolerance: 1.0% Power: 63 mW
2	Rfbt	Vishay-Dale	CRCW04021M33FKED	1	Resistance: 1.33 MΩ Tolerance: 1.0% Power: 63 mW
3	Rent	Vishay-Dale	CRCW0402787KFKED	1	Resistance: 787 kΩ Tolerance: 1.0% Power: 63 mW
4	Renb	Vishay-Dale	CRCW0402100KFKED	1	Resistance: 100 kΩ Tolerance: 1.0% Power: 63 mW
5	Ccomp	Samsung	CL05C681JB5NNNC	1	Cap: 680 pF Total Derated Cap: 680 pF VDC: 50 V ESR: 0 Ω Package: 0402
6	Rcomp	Vishay-Dale	CRCW040259K0FKED	1	Resistance: 59 kΩ Tolerance: 1.0% Power: 63 mW
7	Cbst	MuRata	GRM155R71C104KA88D	1	Cap: 100 nF Total Derated Cap: 100 nF VDC: 16 V ESR: 1 mΩ Package: 0402
8	Rilim	Vishay-Dale	CRCW040220K0FKED	1	Resistance: 20 kΩ Tolerance: 1.0% Power: 63 mW
9	Cin	MuRata	GRM21BR61E106MA73L	1	Cap: 10 μF Total Derated Cap: 2.1 μF VDC: 25 V ESR: 4 mΩ Package: 0805
10	U1	Texas Instruments	TPS61378QWRTERQ1	1	
11	Rpg	Vishay-Dale	CRCW0603100KFKEA	1	Resistance: 100 kΩ Tolerance: 1.0% Power: 100 mW
12	Coutx	MuRata	GRM188R61E105KA12D	1	Cap: 1 μF Total Derated Cap: 1 μF VDC: 25 V ESR: 17.11 mΩ Package: 0
13	L1	Bourns	SDR0805-2R5ML	1	L: 2.5 μH DCR: 20 mΩ IDC: 5 A
14	Rt	Vishay-Dale	CRCW040241K2FKED	1	Resistance: 41.2 kΩ Tolerance: 1.0% Power: 63 mW
15	Cvcc	Taiyo Yuden	EMK107B7105KA-T	1	Cap: 1 μF Total Derated Cap: 1 μF VDC: 16 V ESR: 1 mΩ Package: 0603
16	Cout	TDK	CGA9P2X7R1E226M250KA	1	Cap: 22 μF Total Derated Cap: 18 μF VDC: 25 V ESR: 1.89 mΩ Package: 2220_280
17	Coutlso	TDK	C1608X5R1V155K080AC	1	Cap: 1.5 μF Total Derated Cap: 1.5 μF VDC: 35 V ESR: 9.04 mΩ Package: 0603

BOM2

No.	Part	Manufacturer	Part Number	Quantity	Description
1	Rfbb	Vishay-Dale	CRCW040280K6FKED	1	Resistance: 80.6 kΩ Tolerance: 1.0% Power: 63 mW
2	Rfbt	Vishay-Dale	CRCW04021M33FKED	1	Resistance: 1.33 MΩ Tolerance: 1.0% Power: 63 mW
3	Rent	Vishay-Dale	CRCW0402392KFKED	1	Resistance: 392 kΩ Tolerance: 1.0% Power: 63 mW
4	Renb	Vishay-Dale	CRCW0402100KFKED	1	Resistance: 100 kΩ Tolerance: 1.0% Power: 63 mW
5	Ccomp	Samsung Electro-M	CL05C681JB5NNNC	1	Cap: 680 pF Total Derated Cap: 680 pF VDC: 50 V ESR: 0 Ω Package: 0402
6	Rcomp	Yageo	RC0201FR-0786K6L	1	Resistance: 86.6 kΩ Tolerance: 1.0% Power: 50 mW
7	Cbst	MuRata	GRM155R71C104KA88D	1	Cap: 100 nF Total Derated Cap: 100 nF VDC: 16 V ESR: 1 mΩ Package: 0402
8	Rilim	Vishay-Dale	CRCW040220K0FKED	1	Resistance: 20 kΩ Tolerance: 1.0% Power: 63 mW
9	Cin	MuRata	GRM31CR61C106KA88L	1	Cap: 10 μF Total Derated Cap: 8.8 μF VDC: 16 V ESR: 3.62 mΩ Package: 1206
10	U1	Texas Instruments	TPS61378QWRTERQ1	1	
11	Rpg	Vishay-Dale	CRCW0603100KFKEA	1	Resistance: 100 kΩ Tolerance: 1.0% Power: 100 mW
12	Coutx	MuRata	GRM188R61E105KA12D	1	Cap: 1 μF Total Derated Cap: 1 μF VDC: 25 V ESR: 17.11 mΩ Package: 0
13	L1	Würth Elektronik	74438357018	1	L: 1.8 μH DCR: 21 mΩ IDC: 5.8 A
14	Rt	Vishay-Dale	CRCW040218K2FKED	1	Resistance: 18.2 kΩ Tolerance: 1.0% Power: 63 mW
15	Cvcc	Taiyo Yuden	EMK107B7105KA-T	1	Cap: 1 μF Total Derated Cap: 1 μF VDC: 16 V ESR: 1 mΩ Package: 0603
16	Cout	TDK	CGA9P2X7R1E226M250KA	1	Cap: 22 μF Total Derated Cap: 18 μF VDC: 25 V ESR: 1.89 mΩ Package: 2220_280
17	CoutIso	TDK	C1608X5R1V155K080AC	1	Cap: 1.5 μF Total Derated Cap: 1.5 μF VDC: 35 V ESR: 9.04 mΩ Package: 0603