

### 38V @ 1A Switcher

Part	Description	Digikey part number
U1	LM2587-ADJ	LM2587-ADJ-ND
Cin	47uf 50V low ESR	P10321-ND
Rcomp	2150 ohm 200V 1/4 watt	2.15KXBK-ND
Ccomp	1uF 25V	399-4389-ND
L1	120uH .04 ohm 6A	M8889-ND
D1	60V 5.5A	8TQ060PBF-ND
Cout	100uF 63V	P5193-ND
Rfb1	1.5k ohm 1/4 watt	1.50KXBK-ND
Rfb2	45K ohm 1/4 watt	45.3KXBK-ND

all resistors 1% wirewound