

TE: $100 \text{ V} / R_{\text{PROG_KOhm}} [\text{mA}]$

0 mA with 10 KOhm resistor

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DESIGN NOTE:
 $I_{REG} = (1000 \text{ V} / R_{PROG_KOhm}) [\text{mA}]$
 Chosen as 100 mA with 10 KOhm resistor
 in this example


DESIGN NOTE:
Tested that EN node goes low and disables boost. Power consumption is 3 uA.

Will last over 5 years with 150 mAh LiPo.

DESIGN NOTE:
 $R_{TOP} = R_{BOT} * ((V_{OUT} / V_{FB}) - 1) [Ohm]$
 where, $V_{FB} = 1.23 V$
 Values chosen for 5 V output in this example

DESIGN NOTE:
 $R_{TOP} = R_{BOT} * ((V_{OUT} / V_{FB}) - 1) [Ohm]$
 where, $V_{FB} = 0.8 V$

Values chosen for 8 V output in this example

	juskim GitHub juskim YouTube @juskim	Rev: A
		Var: [No Variations]
Project: Power.PrjPcb		
Name: Schematic.SchDoc		
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