



RSENSE (R2)
 $RSENSE = VREF / (I_{LOAD} - I_{AK})$
 $RSENSE = 2.5V / (50mA - 35\mu A)$
 $RSENSE = 50.035 \text{ ohm} \rightarrow 49.9 \text{ ohm}$
*
Rz (R1)
 $Rz = (VIN - VREF - VBE) / ((I_{LOAD} / \beta) + I_{AK})$
 $Rz = (7V - 2.5V - 0.7V) / ((50mA / 100) + 35\mu A)$
 $Rz = 7102.8 \text{ ohm} \rightarrow 7.15K$



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