

$$V_{OUT} = V_{REF} \left( 1 + \frac{R1}{R2} \right) \quad v = 1.222 \left( 1 + \frac{100\,000}{31\,600} \right)$$

Results

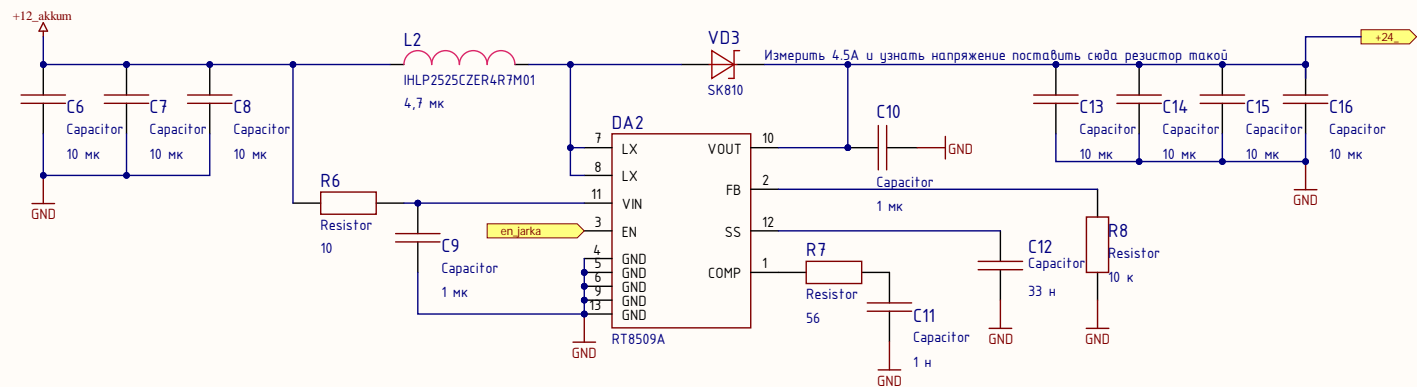
$v = 5.08909$

$$L = \left[ \frac{V_{OUT}}{f \times \Delta I_L(MAX)} \right] \times \left[ 1 - \frac{V_{OUT}}{V_{IN(MAX)}} \right]$$

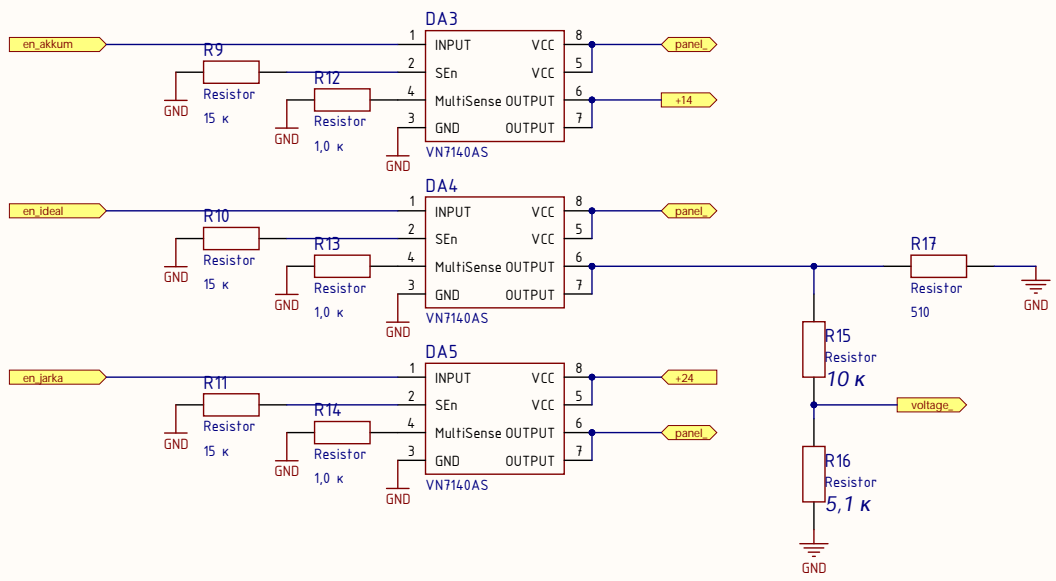
Results

$v = 0.000035119$

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