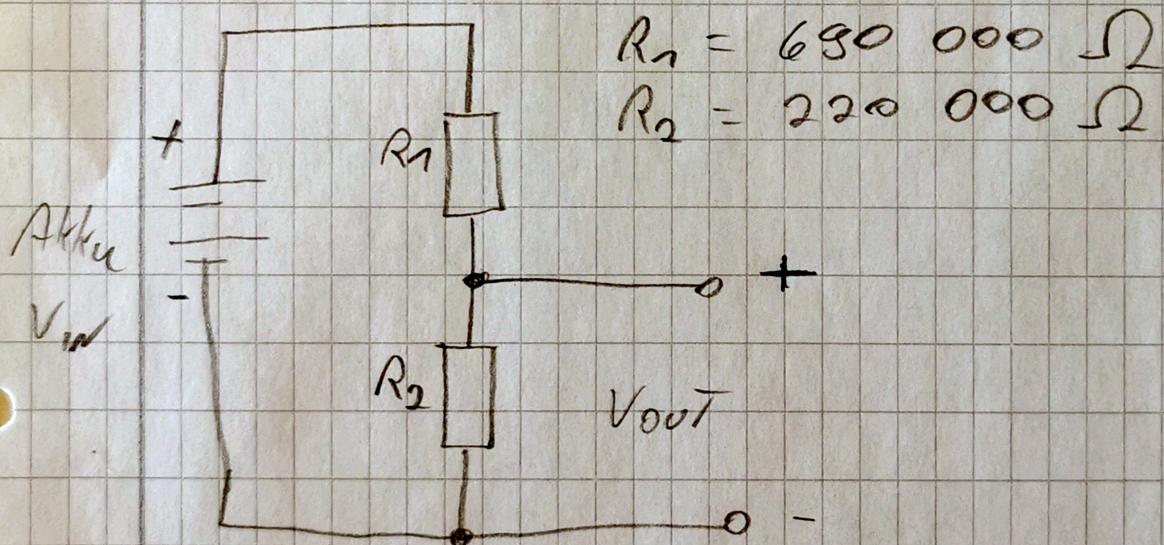


Akku 9V bis 13V ✓

ESP32 0V bis 3.3V ✓

Spannungsteiler 2,18 3,14V ✓



$$V_{out} = V_{in} \frac{R_2}{R_1 + R_2} = \frac{V_{in} R_2}{(R_1 + R_2)}$$

$$V_{out} \cdot (R_1 + R_2) = V_{in} \cdot R_2$$

$$\frac{V_{out} (R_1 + R_2)}{R_2} = V_{in}$$