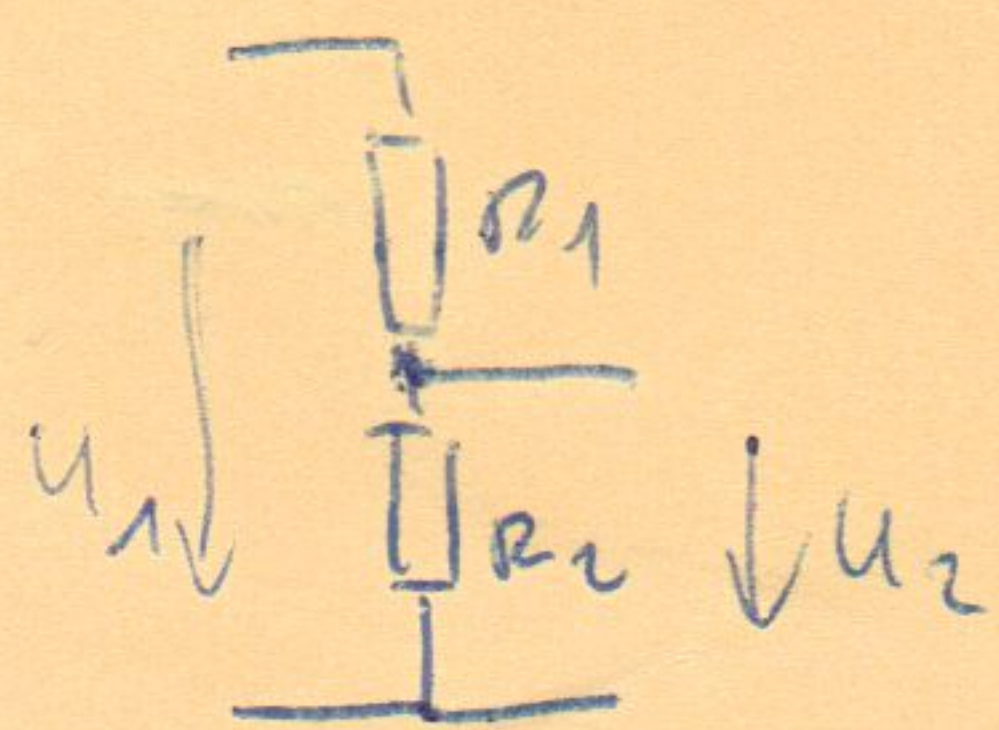


LED	$I_F = 20mA$	$V_{CC}$	4,7V	3,1V
R, 0	$V_F = 2,1V$	$\Delta 2,6V$	$130\Omega$	$50\Omega$
G	$V_F = 3,1$	$\Delta 1,6V$	$80\Omega$	$\Delta 0V$

288mA Power-Down  
 250mA WDG Disable  
 ↑  
 sleep mode



$$U_2 = U_1 \frac{R_2}{R_1 + R_2}$$

$$U_2 = U_1 \frac{R_2}{50k - R_2 + R_2}$$

$$\frac{U_2}{U_1} \cdot 50k = R_2 \Rightarrow 11k (16k) \mid 10k$$

$$R_1 \Rightarrow 39k (33k) \mid 47k \mid 47k \mid 47k$$

↑ USED

$$U_1 = 5V (3,3V)$$

$$U_2 = 1,1V$$

$$I_{max} = 250mA \rightarrow$$

$$R_1 + R_2 = 20k\Omega$$

$$I_{max} = 100mA \rightarrow$$

$$R_1 + R_2 = 50k\Omega$$

$$R_1 = 50k - R_2$$