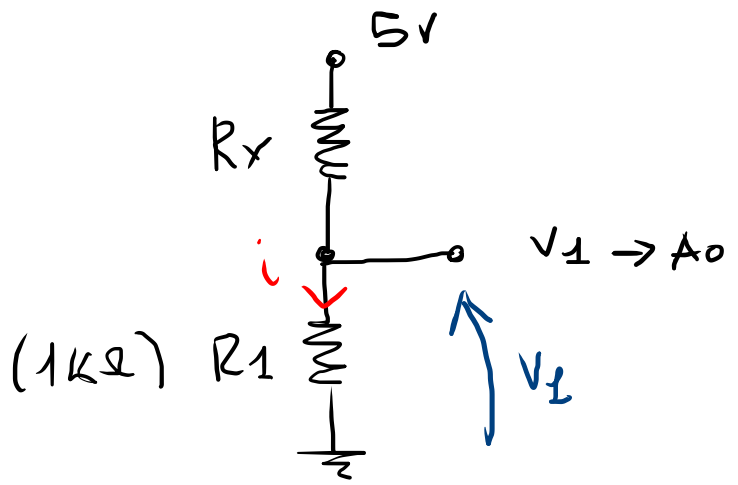
392



$$V = IR \rightarrow \quad R_x = \frac{V}{I}$$

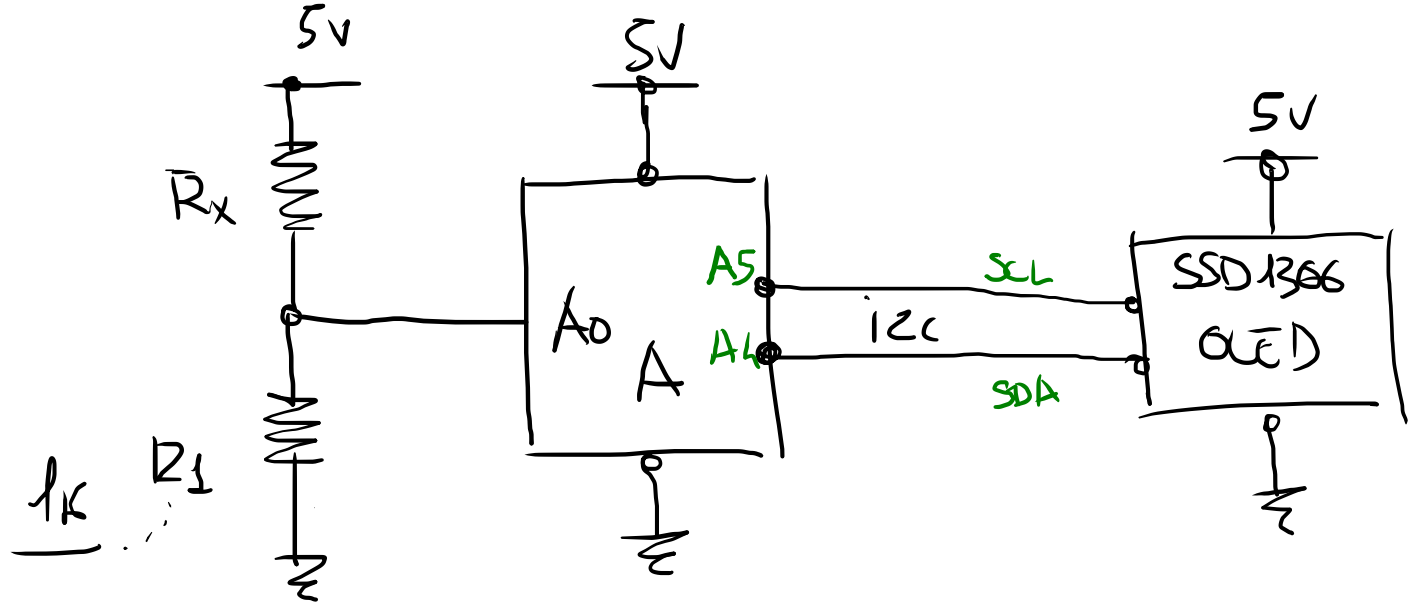
$$V_1 = i \cdot R_1$$

$$i = \frac{5V}{R_x + R_1}$$

$$V_1 = \frac{5}{(R_x + R_1)} \cdot R_1$$

$$V_1 (R_x + R_1) = 5 \cdot R_1 \; ; \; V_1 \cdot R_x + V_1 \cdot R_1 = 5 R_1$$

$$V_1 \cdot R_x = (5 - V_1) \cdot R_1 \quad \rightarrow \quad R_x = \frac{(5 - V_1)}{V_1} R_1$$


5V
5V
5V
Rx
R1
1K
A0
A
A5
A4
SCL
SDA
I2C
SSD1306
OLED