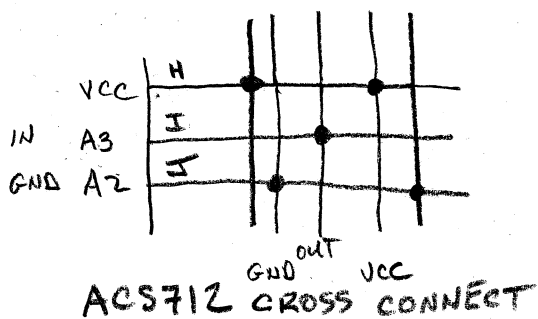


- Terminal Block - Power
- x Stripboard Cut
- Small letters and numbers are stripboard grid.
- Connection



X T_x R_x V_∞ G_{NB} X
N/c N/c

$$I = \frac{42V}{10\Omega}$$

$$P_{\max} = I^2 \cdot 9\Omega$$

$$= \frac{42^2}{100\Omega^2} \cdot 9\Omega$$

$$= \frac{158.76}{\Omega}$$

$$R_{MN} = \frac{158.76}{R_{MAX}}$$

$$R > \frac{158.76}{0.25} = 635 \Omega$$