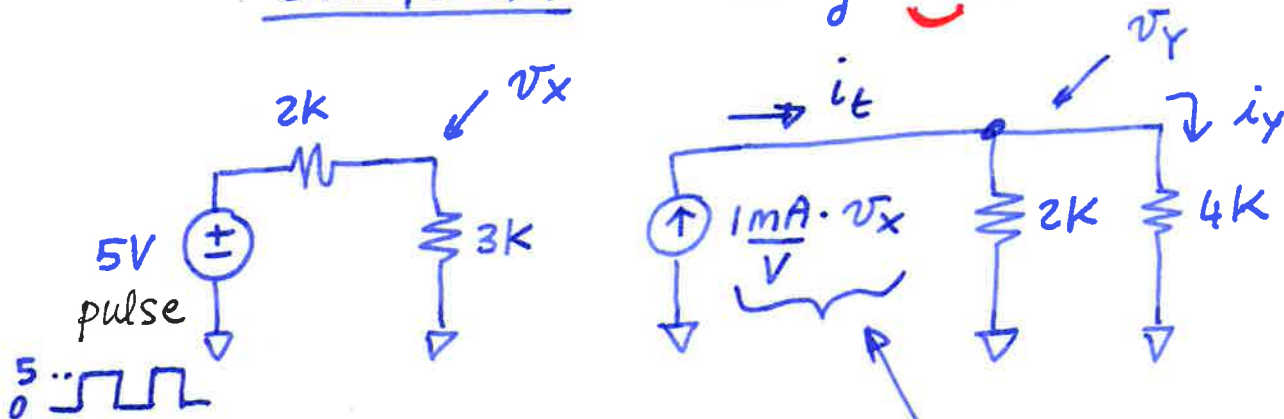


Example #4 - using VCCS



Find v_y and i_y ? VCCS

$$v_x = \frac{5V}{2k+3k} \cdot 3k = 3V$$

$$i_t = \frac{1mA}{V} \cdot 3V = 3mA$$

$$i_y = \frac{3mA}{2k+4k} \cdot 2k = \frac{3}{6} \cdot 2 = 1mA$$

$$v_y = 4V$$

- dependent sources controlled in voltage
- driving source with pulse "shape"
- space bar → shortcut for zoom fit
- add plot pane