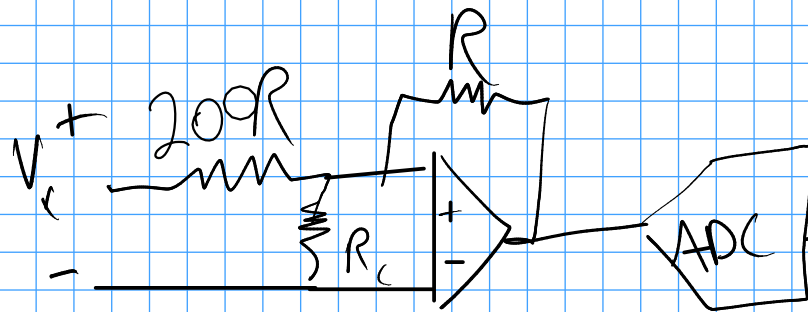
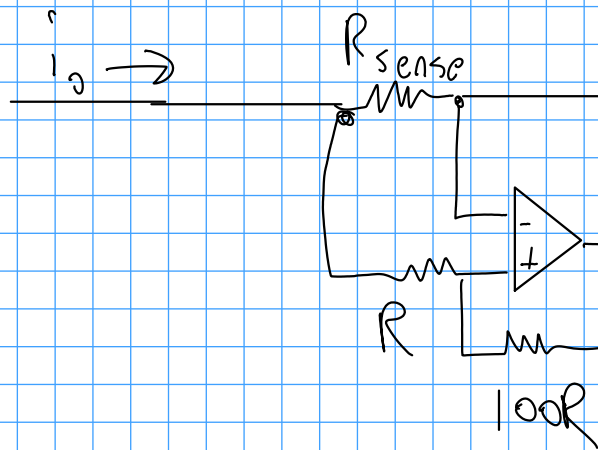


# Digital Multimeter - AC/DC (DC portion)



Voltage sensor, should be good for UP TO  $90 V_{REF}$

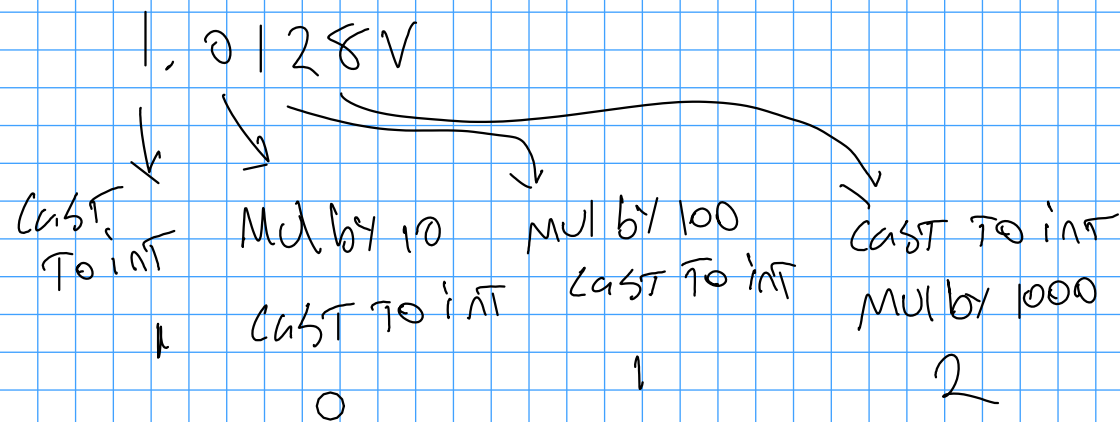
$R_c$  is to give a reading of 0 when NOT connected, optional component



Postprocessing

- Use 10 bits of ADC
- Convert to single precision floating point
- Convert to ASCII
- Write ASCII to LCD

Converting single precision to ASCII



$\Rightarrow$  Straight INT to ASCII char conversion