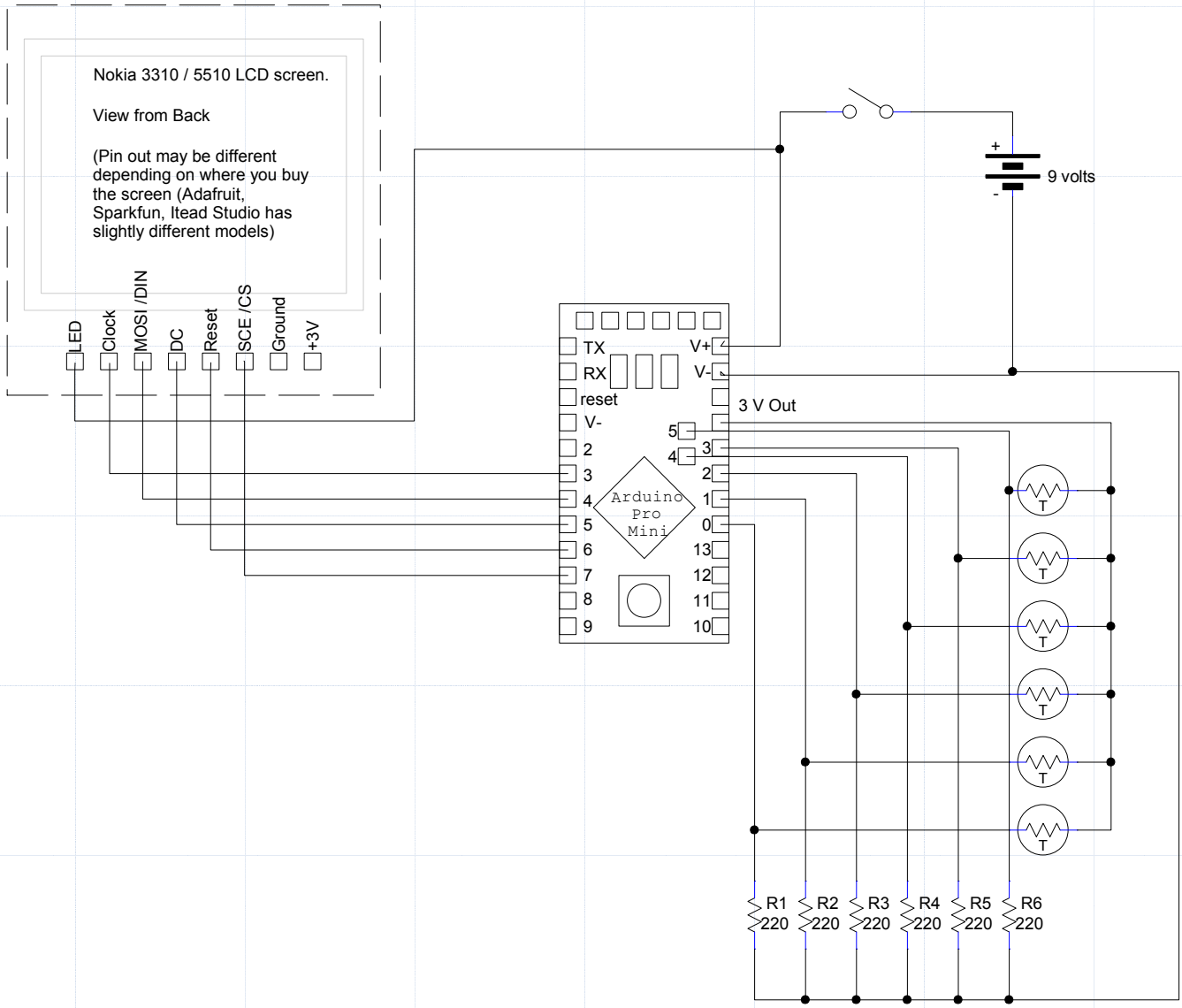


Parts list

1 Arduino Pro Mini- 3 volt version (Adafruit)
1 Nokia 3310 GLCD screen (Itead Studio)
1 Power switch
6 220 ohm resistors
6 Thermistors 1K ohm, -40C-125C
(Newark PN 21C9770)

| | | | |
|---|---|---|---|
| Description | Arduino temperature scanner with Nokia 3310 /5510 Grapical LCD screen | | |
| Drawn By | Fileark | Date | 2011 12 31 |
| Company | http://Filear.com | Rev | 01.00 |

**Notes:**

R1-R6 values will be different depending on the thermistors used.
My thermistors needed 220 ohm pull down resistors. I used a bag of ice water and a flame to run up and down the temperature and used a thermometer to compaire the values
The Arduino Pro Mini is the 3 volt version, this works well with the 3 volt LCD screen. If you use a 5 volt Arduino the voltage lines to the LCD must be dropped down with resistors or a level shifter chip.

For more information visit http://Filear.com