



Arduino
MCP3422 Dual A/D

PT100 RTD
Temperature Measurement

FIG #4

Anderson, June 20, '11

Measure V_i . V_S is then calculated as $5.255 \cdot V_i$,
 Measure V_{cb} . $R_{thres} = 1k \left(\frac{1}{0.91667} - \frac{V_{cb}}{V_S} - 1 \right)$

$T_c = R_{thres} - 100 / 0.384$