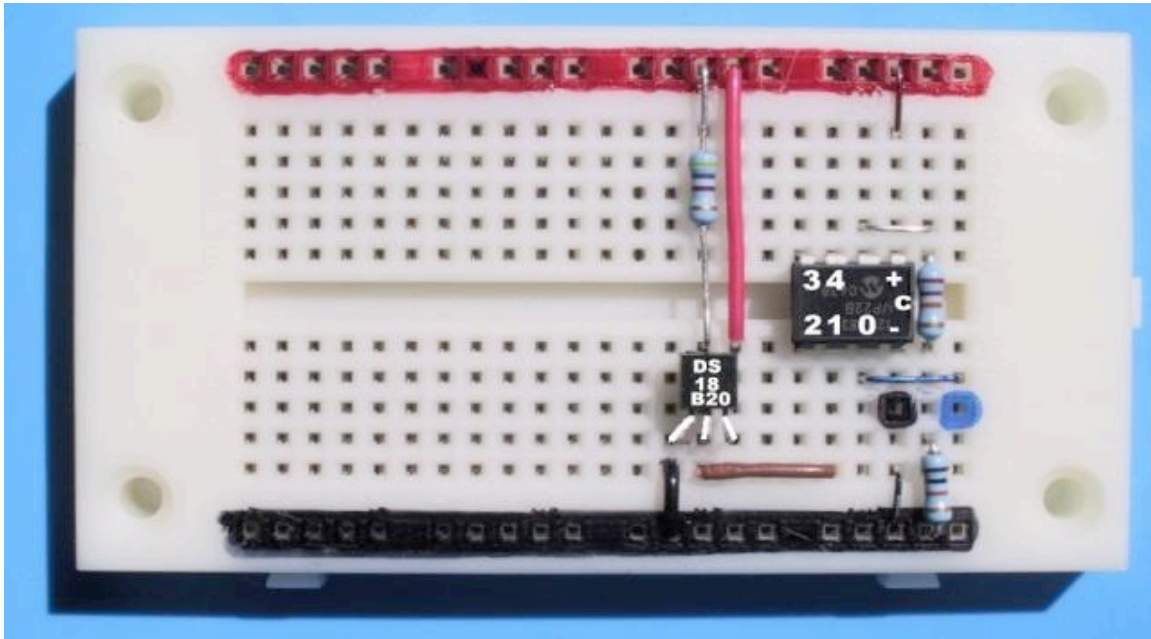


DS18B20 Temperature Sensor Hi Resolution



Loopa:

readtemp12 1, w1

b0 = w1 / 16

b1 = w1 // 16 * 10 / 16

sertxd ("Temp = ", #b0, 46, #b1, 13, 10)

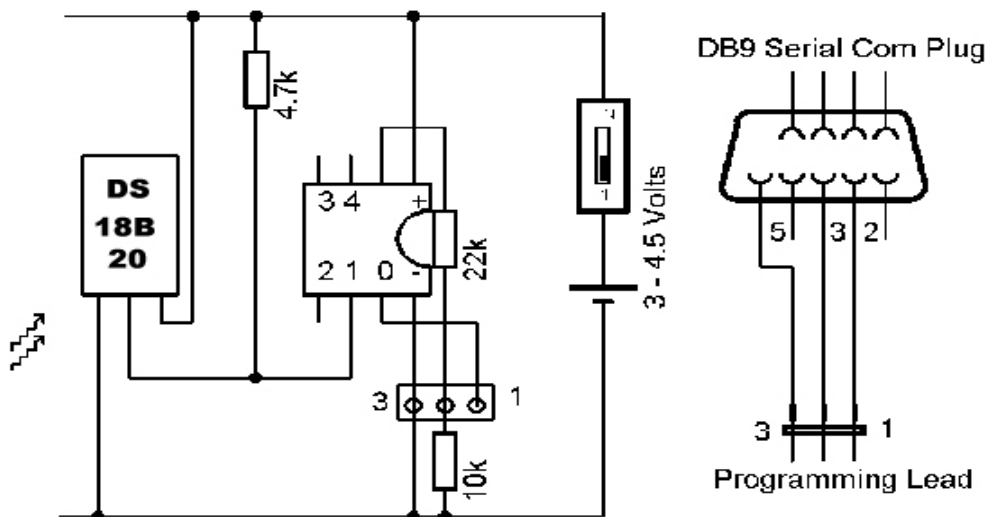
goto loopa

' Read Hi Res temp from DS18B20 from pin 1

' Compute RH decimal value whole degree C into b0

' Mod divide and scale to convert 16th deg C to decimal point

' Display txt message b0 decimal "." b1 decimal



- Refer to Help Section PICAXE Manual II under Readtemp12
- Look up information under transducers in the booster resource or from Dallas www site
- Use the F9 Data Logger template to plot temperature over time using the data link feature of the picaxe programming editor. Export, data, plot and 'Save As' to a spreadsheet
- StampDAQ can be used to data log temps live direct into a spreadsheet with optional time and date stamping.