

Data acquisition system project using 8051

ajay_bhargav, Sat Dec 15 2007, 01:21 am

Here is a new project submitted by Abbas with great looking GUI interface and impressive features. Here is little description of his project...

Data acquisition system project using 8051

8 temperature sensors are connected(4 shown in diagram for simplicity).values of all the sensors are sent serially by uc to pc. software DAQ System take these values and show them on its front panel,and also logg them to the data base daq.mdb.we can set some parameters like

set point

low limit

and high limit . when temperature of some sensor increases beyond set pointthe heater connected to controller(specific for data sensor) will be turned off / and on in opposite case.and high limit and low limits are for alarm.when temperature goes above high limit or below low limit the alarm will be turned on.

other features coming soon in DAQ 1.1 version including labview portion

Screenshot:

If you find any problem please use forum..