General:

Press ‘H’ for the list of commands.

Set date DATE [DD/MM/YY]

Set time TIME [HH:MM:SS]

- No braces while entering commands.
- The commands are case sensitive.
- For Probe Details: PROBE [Pnum] [check]

  “PROBE ALL” command works.

  INPUT**:** PROBE 1 check
  OUTPUT**:**
  Probe: 1;
  Status: Ready;
  Action: 0;
  Name: 8178;
  Serial: 0;
  Type: 1 SC30;
  Temperature: 24.0,24.0,23.9,23.8,23.8,23.8,23.8,23.9; **-** giving 8 readings;
  Calibrated: 04/03/00 01:29:33
  CalSource: 5643;
  CalTol: 0.1;
  CalTemps: 2;
  Cal0: @ 50.090:
  16.2823k,16.2471k,16.2734k,16.2857k,16.2707k,16.3008k,16.2588k,16.2915k,T4(Rth ?)
  M1(Measured)
  Cal1: @ 80.170:
  5.16554k,5.16012k,5.17327k,5.18164k,5.17673k,5.18238k,5.16447k,5.1689k,T4(Rth?)
  M1(Measured)

PMON command:

1: "<TEMP2, 1.004, 22.6207, 22.4171, 22.8017, 22.9301, 22.9654, 22.8955, 22.7054, 22.7509, 22.7609, -0.0077, 0.0034, 0.5483": This line represents the temperature readings from Probe 2. The values following "<TEMP2" are as follows:

2: "1.004": This indicates the probe number or identifier/ or time.

3: "22.6207, 22.4171, 22.8017, 22.9301, 22.9654, 22.8955, 22.7054, 22.7509, 22.7609": These values represent the temperature readings over. One value, most probably the first or the last, is a function of all the other values.

4: "-0.0077, 0.0034, 0.5483": These values might indicate additional information related to the temperature readings, such as errors or variances.

5: Tried to exit PMON with all the features and shortcuts, no luck.

Shortcut to exit Tera Term VT in windows- CTRL+V; ALT+B; STOP; HALT; END;

(update) “PMON 0” command exits the PMON chain of data and allows giving commands again.

Observations from manual data entry:

The pins can be labelled 1-8 starting from the end opposite to where the cable is connected. That’s the order in which the data is displayed on the terminal.

It can work on multiple probes at one time.

Takes input as hexadecimal, converts it to decimal to decide which probe to turn on.