DATA TRANSFER TO PC-EXAMPLE

- 1) Set up VIA: Set Start to 1MHz, Stop to 30MHz, Step to 100kHz, and Dwell to 50msec
- 2) Calibrate VIA: perform normal Open, Short, Load
- 3) Connect RLC dummy load to VIA
- 4) Select AUTO mode
- 5) Select PLOT
- 6) Choose any desired plot type (all save same data to memory)
- 7) Connect USB Data Cable from PC to VIA
- 8) Open TeraTerm on the PC and configure the Serial Port for 115200 baud, 8-N-1
- 9) If not already done, make sure Com Port is the same as shown in Device Manager on PC
- 10) Enter Ctrl-Q on PC keyboard
- 11) Observe data on TeraTerm PC Display
- 12) When data transfer to TeraTerm is complete, select EDIT, SELECT ALL from the TeraTerm menu
- 13) Enter Ctrl-C on the PC keyboard to copy the TeraTerm buffer to the PC Clipboard
- 14) Open OpenOffice Calc on the PC
- 15) Open VIA_Demo spread sheet in Calc
- 16) Right Click on Cell B8
- 17) Select Paste from the drop-down menu
- 18) In the next screen, set "From row" to 6, and check"Comma" in "Separated by", click OK Clear the ' character in "Text delimiter"

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19) Data from the VIA should replace the data in the first four columns of the spreadsheet 20) Click OK to replace data, if requested

- 21) All of the other columns in the spreadsheet should also update, including the various charts at the bottom of the data area.
- 22) To enter data into an Excel spreadsheet:--After step 13 above
- 23) Open Notepad or Wordpad
- 24) Enter Ctrl-V on the PC keyboard to paste the clipboard (VIA data) to the newly opened document.
- 25) If necessary, remove extra blank lines (paragraph formatting in Wordpad)
- 26) Save the document as a .txt files, remember the name you have given it.
- 27) Open Excel
- 28) Tap the DATA tab at the top menu
- 29) Select GET EXTERNAL DATA
- 30) Select IMPORT TEXT FILE
- 31) The screen for "Import Wizard Step 1" will appear
- 32) Click NEXT
- 33) Step 2 will appear
- 34) Check "Comma" and change "Text Qualifier" to NONE
- 35) Click NEXT
- 36) Step 3 will appear
- 37) Click FINISH
- 38) This will import the file you just saved
- 39) Make sure that the data you are importing is going into four adjacent columns in the Excel spreadsheet.
- 40) Use the IMAGINARY functions in Excel to manipulate the data as you desire.