

Example of using HCS Labview Driver

Introduction

- Support models :
 - HCS-31XX series
 - HCS-32XX series
 - HCS-33XX USB series
 - HCS-34XX USB series
 - HCS-36XX USB series

- Example vi filename : HCS_LabView_example.vi
Download link
http://www.manson.com.hk/wp-content/uploads/2019/03/HCS_LabView_example.vi_.zip

- Feature included in example
 - i. Set Voltage and Current.
 - ii. Set Power Supply Output ON/OFF.
 - iii. Read and display actual value of output voltage and current.

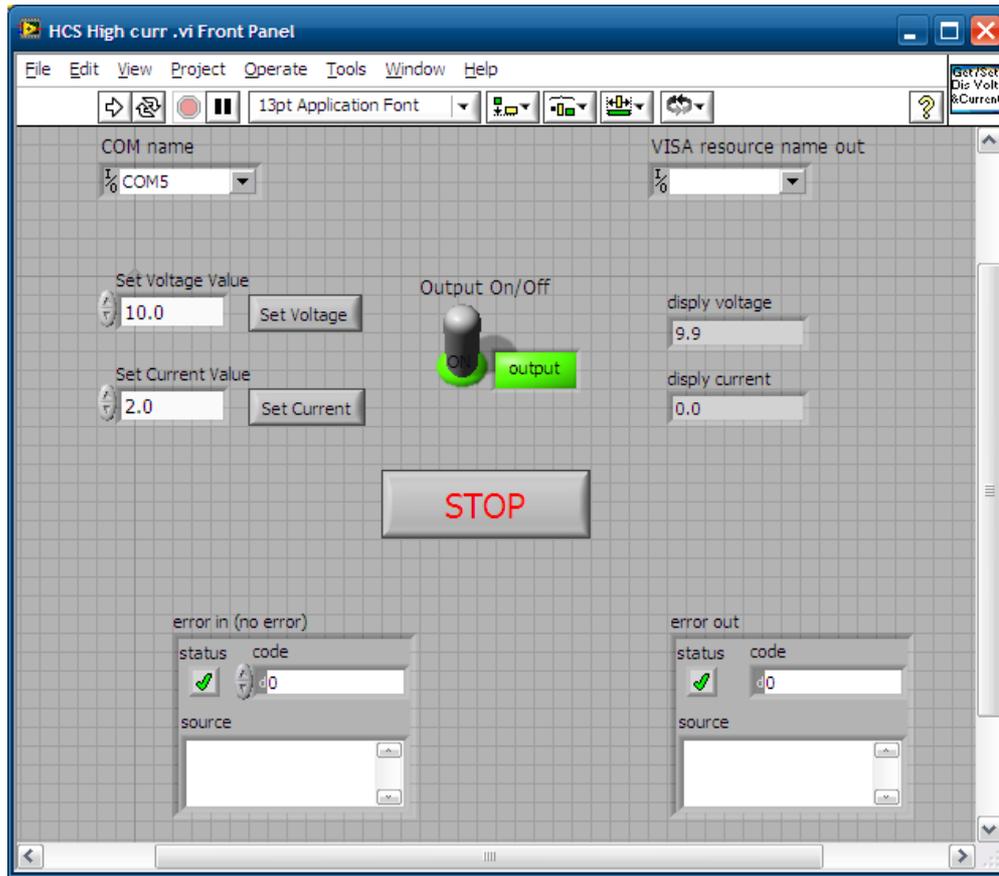
How to get HCS LabView Driver

You have two ways to get HCS LabView Driver

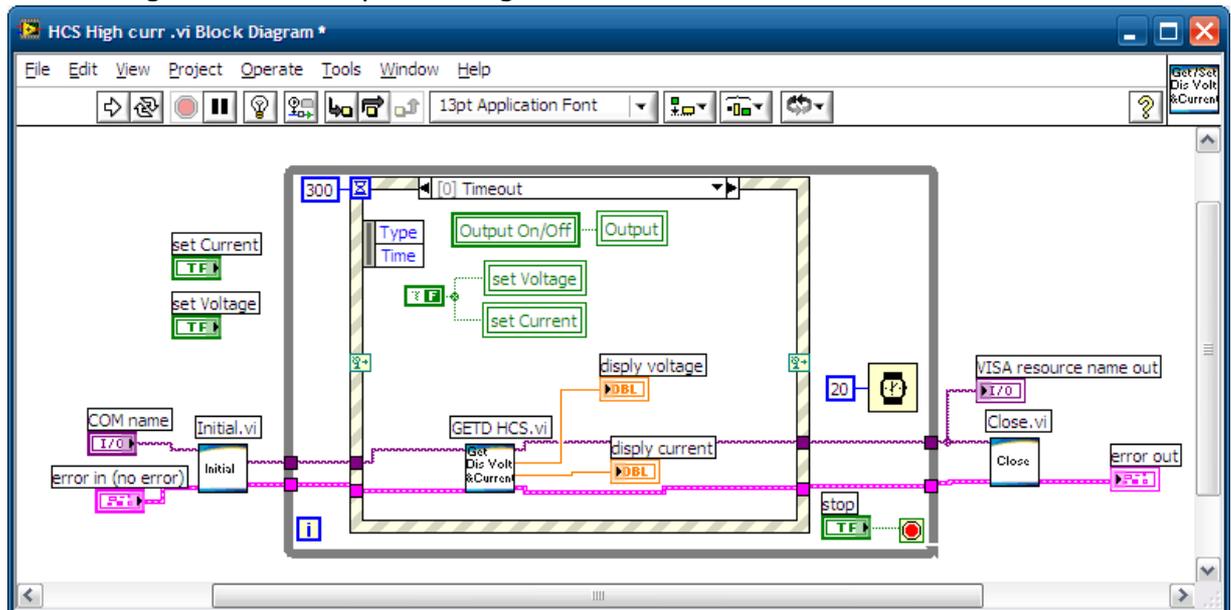
- i. Get it from CD come with HCS power supply
- ii. Download LabView driver from Manson website
<http://www.manson.com.hk/support/driver-download/>

Front Panel and Block Diagram of example

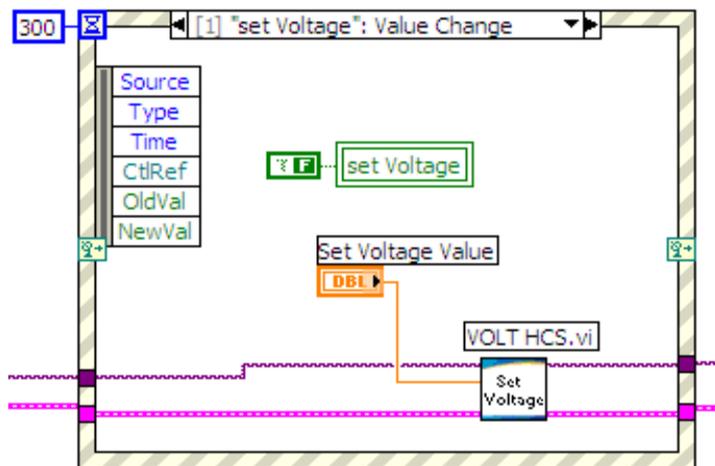
Front Panel :



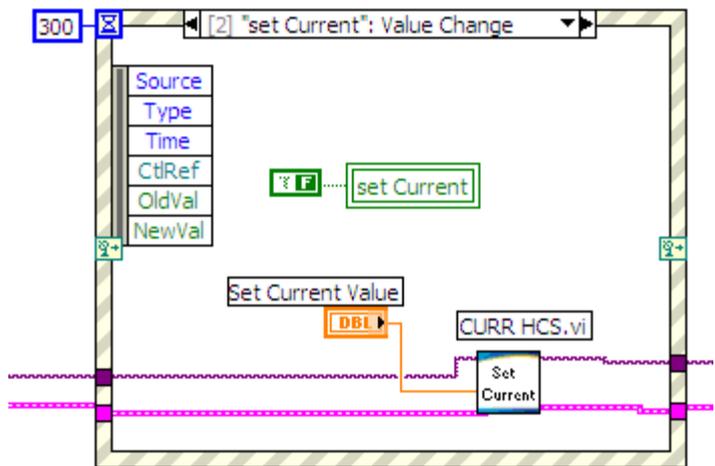
Block Diagram(read output Voltage and Current)



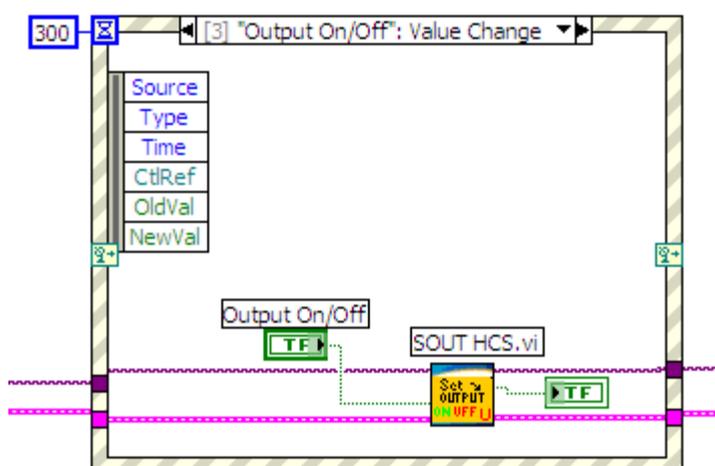
Block Diagram(Set output Voltage).



Block Diagram(Set output Current).

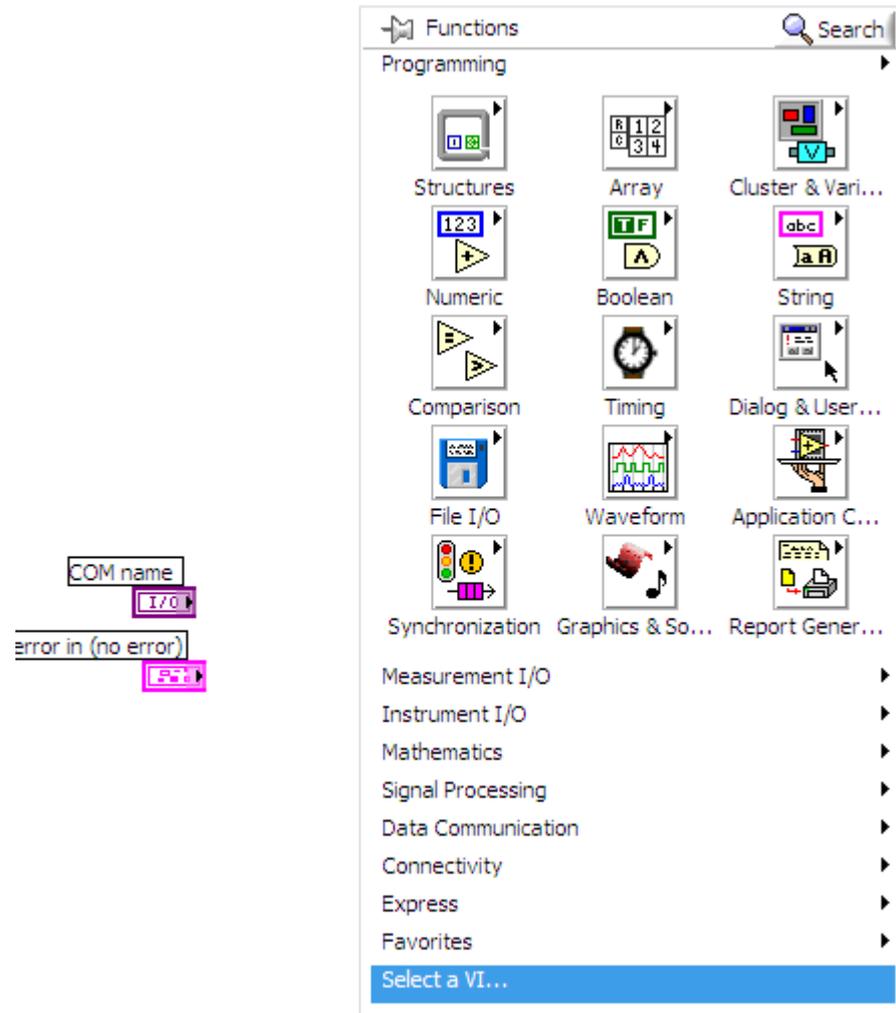


Block Diagram(Set output ON/OFF).



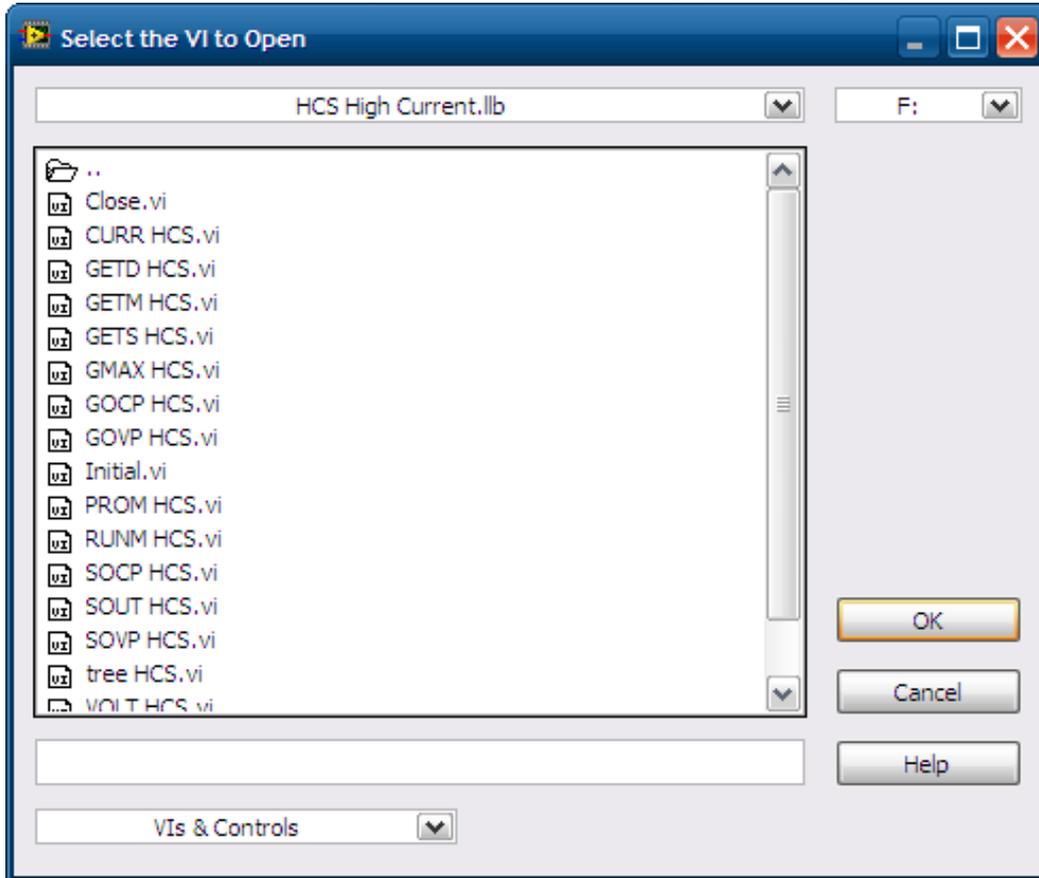
Open HCS LabView Driver

- Open LabView and right click on the page to get following screen.



- Click "Select a VI"
- Select HCH LabView driver (e.g HCS High Current.Ilb)

Select related command vi you would like to use. (e.g. Initial.vi)



Then connect it as usual as you use other vi for LabView.

