1. **Introduction**

This is a sample code that demonstrates the function of USB HID KEYBOARD simultaneously. The code is executed on SPI Flash and the unSPIDE tool is needed to download the code to SPI Flash.

1. **Preparation**
   1. Tools:
      1. unSPIDE V3.0.13 or later versions
   2. Hardware requirement
      1. GPL95100UA EMU Board V1.1
      2. ICE ( USB PROBE III )
2. **Run project**

**Step1**

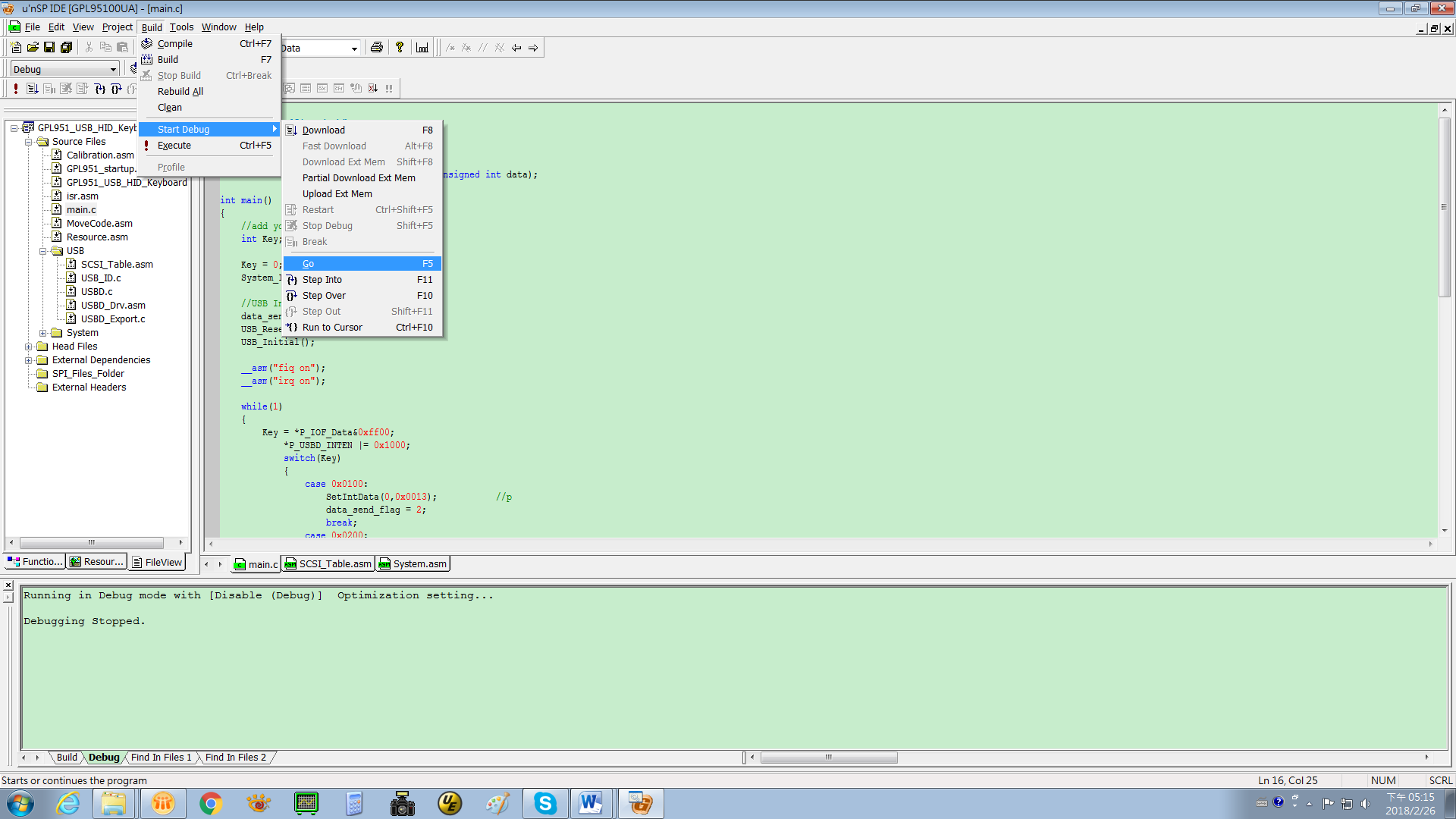
Open project “\GPL951\_USB\_HID\_Keyboard\ GPL951\_USB\_HID\_Keyboard.spj” by unSPIDE (File->Open Project) and then Rebuild all (Build->Rebuild all)

**Step2**

Connect USB PROBE III to PC and GPL95100UA EMU Board

**Step3**

Download and then free run by “Build/Start Debug/Go” or F5



**Step4**

Plug in USB cable from GPL95100UA EMU Board mini usb port to PC

**Step5**

Press demo key to simulation MOUSE

IOF8 – VDD : keyboard “p”

IOF9 – VDD : keyboard “q”

IOF10 – VDD : keyboard “r”

IOF11 – VDD : keyboard “s”

IOF12 – VDD : keyboard “t”

IOF13 – VDD : keyboard “u”

IOF14 – VDD : keyboard “v”

IOF15 – VDD : keyboard “w”