1. **Introduction**

This is a sample code that demonstrates the function of USB MADC 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 with NAND Flash. Generalplus suggest use Thoshiba BeNAND.
      2. ICE ( USB PROBE III )
2. **Run project**

**Step1**

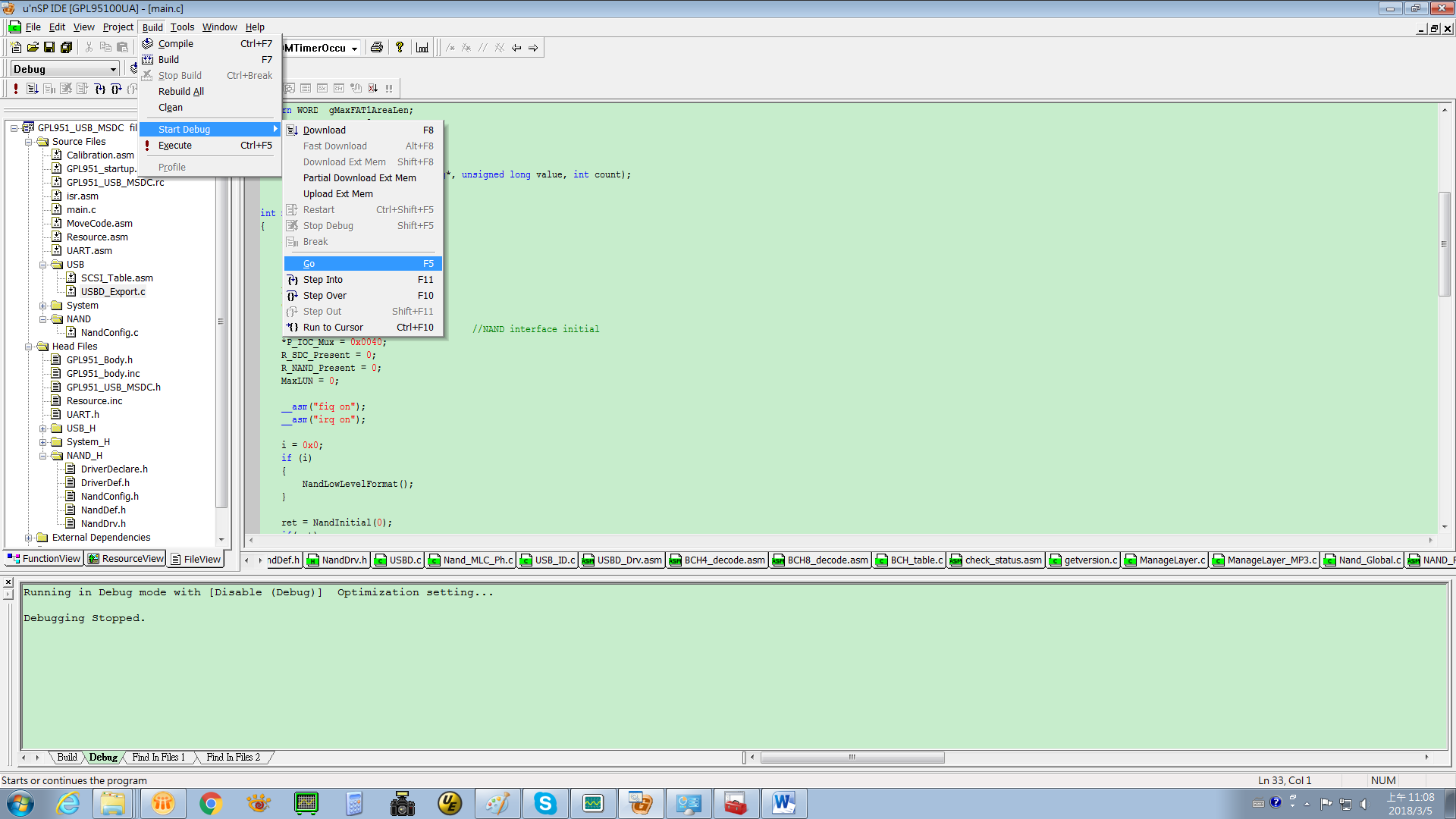
Open project “\GPL951\_USB\_MSDC\ GPL951\_USB\_MSDC.spj” by unSPIDE (File->Open Project) and then Rebuild all (Build->Rebuild all)

**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**

After PC detected USB plug in, the system will appear mass storage device.

**Step6**

After format(FAT16/FAT32) device, user can read/write data from NAND flash