1. Description

This demo is used to access Winbond SPI flash W25X10L, W25X20L, W25X40L and W25X80L using SPI.

2. Test

All the messages will be shown on Hyper-terminal in this demo, at baudrate 115200 bps.

Before test begin, user must make sure that SPI has connected with SPI flash chip correctly, that is:

Connect P1.4 to SPI Flash Pin.CS
Connect P1.7 to SPI Flash Pin.CLK
Connect P1.6 to SPI Flash Pin.DIO
Connect P1.5 to SPI Flash Pin.DO

Download and run the demo, 4 options for user to select in which way to access SPI flash are shown on Hyper-terminal, user can key in 0, 1, 2 and 3 to select an access way, the following is the details:

1) Select 0, SPI flash ID(Manufacturer ID = 0xEF, Device ID = 0x14), will be shown on Hyper-terminal.
2) Select 1, page0 data of SPI flash will be shown on Hyper-terminal with 16 bytes a line.
3) Select 2, page0 of SPI flash will be programmed with data 0x00, 0x01, … , 0xFF.
4) Select 3, page0 of SPI flash will be erased.