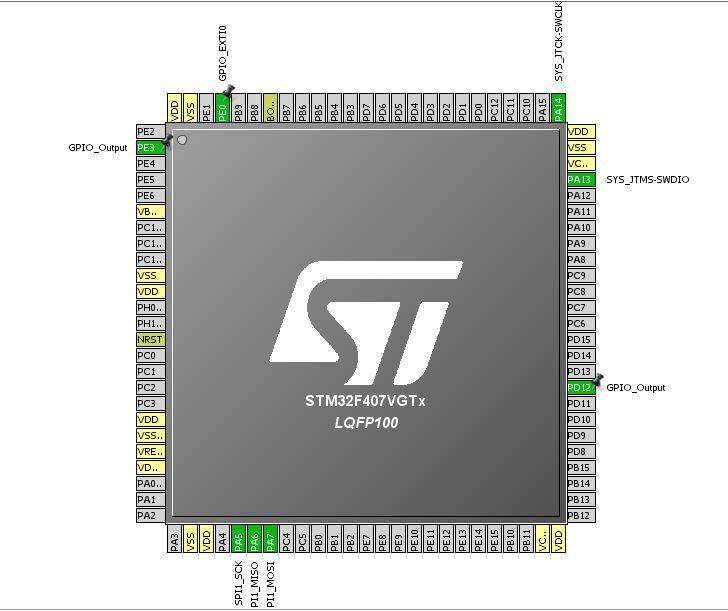
SPI\_Polling(*Serial Peripheral Interface)*

Configuration in STMCUBEMX:

1.Select SYS->serial wire.

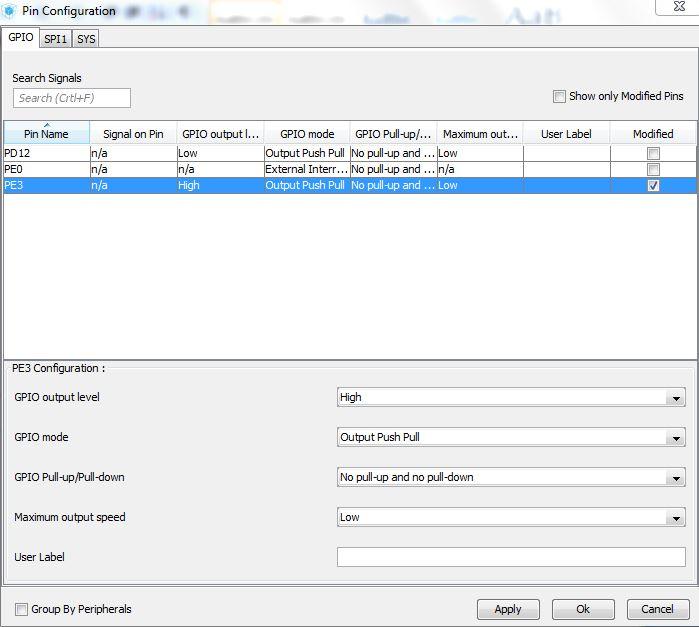
2.Select SPI1 ->select full duplex master.

3.Make the following changes in pinout.

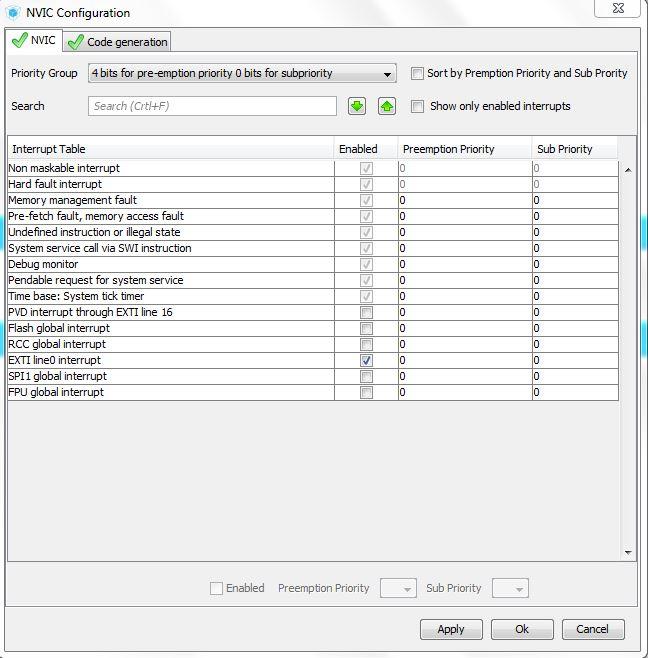
**

3. Click on configuration ->click on SPI1 ->make the Prescale (for Bound Rate ) as 16.

4.Click on GPIO pin configuration ->make PE3 IS HIGH.

**

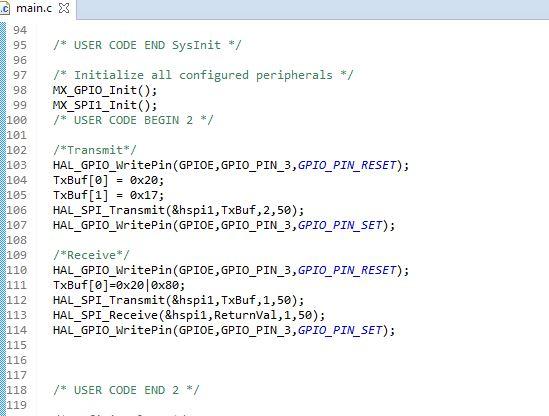
5.Click on NVIC pin configuration ->tick on EXTI line 0 interrupt.

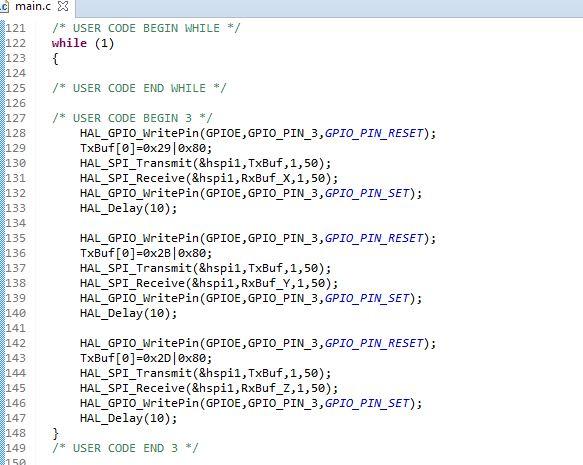
**

6. Then click on Apply and OK and generate code.

7. Open main.c make the following changes in code .

Define the *uint8\_t TxBuf[2],RxBuf\_X[2],ReturnVal[2],RxBuf\_Y[2],RxBuf\_Z[2]* ] in /\* USER CODE BEGIN 0 \*/

**

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8.Build the project and Run.