



Hi,

I beleive i have initialised my master STM32 correctly somehow i cant get my slave to understand my master.

My problem is my slave does not seem to understand the master, i have tried various things, like using SPI2 instead of SPI1, did not work, any help would be appreciated.

```

void init_spi_gpio(void)
{
    GPIO_InitTypeDef SPI_GPIOStruct;

    RCC_AHB1PeriphClockCmd(RCC_AHB1Periph_GPIOB, ENABLE);

    /*
     * PB3 - SCK
     * PB4 - MISO
     * PB5 - MOSI
     */
    SPI_GPIOStruct.GPIO_Mode = GPIO_Mode_AF;
    SPI_GPIOStruct.GPIO_OType = GPIO_OType_OD;
    SPI_GPIOStruct.GPIO_Pin = GPIO_Pin_3 | GPIO_Pin_4 | GPIO_Pin_5;
    SPI_GPIOStruct.GPIO_PuPd = GPIO_PuPd_UP;
    SPI_GPIOStruct.GPIO_Speed = GPIO_Speed_100MHz;

    GPIO_Init(GPIOB, &SPI_GPIOStruct);

    GPIO_PinAFConfig(GPIOB, GPIO_PinSource3, GPIO_AF_SPI1);
    GPIO_PinAFConfig(GPIOB, GPIO_PinSource4, GPIO_AF_SPI1);
    GPIO_PinAFConfig(GPIOB, GPIO_PinSource5, GPIO_AF_SPI1);

    /*NSS Pin Config */
    GPIO_InitTypeDef SPI_SSPIN_Struct;
    RCC_AHB1PeriphClockCmd(RCC_AHB1Periph_GPIOA, ENABLE);

    SPI_SSPIN_Struct.GPIO_Mode = GPIO_Mode_OUT;
    SPI_SSPIN_Struct.GPIO_OType = GPIO_OType_PP;
    SPI_SSPIN_Struct.GPIO_Pin = GPIO_Pin_15;
    SPI_SSPIN_Struct.GPIO_PuPd = GPIO_PuPd_UP;
    SPI_SSPIN_Struct.GPIO_Speed = GPIO_High_Speed;

    GPIO_Init(GPIOA, &SPI_SSPIN_Struct);
    //GPIO_SetBits(GPIOA,GPIO_Pin_15);
}

void init_spi_module(void)
{
    SPI_InitTypeDef SPI_InitStruct;

    RCC_APB2PeriphClockCmd(RCC_APB2Periph_SPI1, ENABLE);

    SPI_StructInit(&SPI_InitStruct);
    SPI_InitStruct.SPI_BaudRatePrescaler = SPI_BaudRatePrescaler_256;
    SPI_InitStruct.SPI_CPHA = SPI_CPHA_1Edge;
    SPI_InitStruct.SPI_CPOL = SPI_CPOL_Low;
    //SPI_InitStruct.SPI_CRCPolynomial = 0x00;
    SPI_InitStruct.SPI_DataSize = SPI_DataSize_8b;
    SPI_InitStruct.SPI_Direction = SPI_Direction_2Lines_FullDuplex;
    SPI_InitStruct.SPI_FirstBit = SPI_FirstBit_LSB;
    SPI_InitStruct.SPI_Mode = SPI_Mode_Master;
    SPI_InitStruct.SPI_NSS = SPI_NSS_Soft| SPI_NSSInternalSoft_Set;

    SPI_Init(SPI1, &SPI_InitStruct);
    SPI_Cmd(SPI1, ENABLE);
}

int main(void)
{
    uint8_t RxChar;
    SystemInit();
    SysTick_Init();
}

```

