```c
/******************************************************************************
 * Name:      AFIO.c
 * Description: STM32 AFIO configuration
 * Version: V1.00
 * Author: Ammar Alvi & Shannon D'Souza
 *
 * This software is supplied "AS IS" without warranties of any kind.
 *
 ******************************************************************************/
#include "stm32f10x.h"
#include "GPIO.h"
#include "UTIL.h"


/*
 * Name:        void AFIO_config()
 * Paramaters:  none
 * Description: Writes to AFIO registers.
 *              Disables JTAG, and remaps that pin to its actual GPIO port
 *              Enables external interrupt at PB12
 */


void AFIO_config(void)
{

    AFIO->MAPR |= AFIO_MAPR_SWJ_CFG_1;
    AFIO->EXTICR[3] |= AFIO_EXTICR4_EXTI12_PB;

}
```