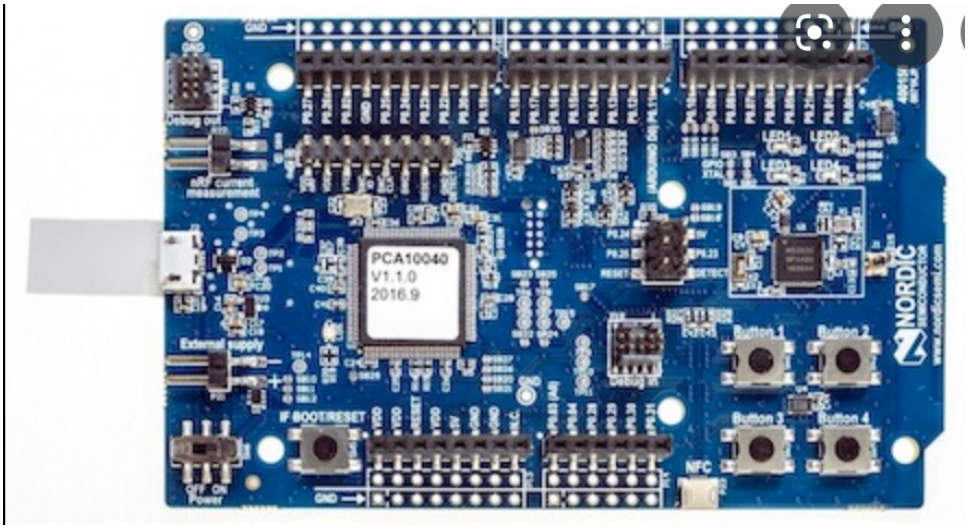
Govelo Bike-Hardware Verification code first stage

1. Pin definition for nRF52832 (Initial Version) if change will a notice future. (please base on the nRF52 DK)



   a. Pin Definition

	Parts	SW Suggestion (Pin)	MEMO	Verify pin function
MCU	nRF52832 DK Board			
Bluetooth	nRF52832			
	RESET	P0.21		
NFC	nRF52832	P0.09 and P0.10		
Slow CLK	XTL 32.768k	P0.00 P0.01		
Peripheral	MPU6050	P0.26 (SDA) P0.27(SCL) P0.30(/INT)	INT can not connection if not interrupt function	
	(Temperature)	P0.03		
	(Humidity)	P0.04		
	DET -V	P0.02		
	Magnetic sensor	P0.13,P0.14		
	Buzzer	P0.18		
	LED	P0.17		

Moto	STSPIN820 (Moto Driver)	P0.11~P0.16 ; P20,P0.22~P0.25 ; P P0.28~P0.31	`#define STBY 31`
			
			`#define DIR1 11`
			`#define STICK1 12`
			`#define MODE1_1 13`
			`#define MODE1_2 14`
			`#define MODE1_3 15`
			`#define STATUS1 16`
			
			`#define DIR2 20`
			`#define STICK2 22`
			`#define MODE2_1 23`
			`#define MODE2_2 24`
			`#define MODE2_3 25`
			`#define STATUS2 26`	

UART		P0.05~p0.08（DEBUG TX P0.06）		
Power Control	POWER ON/OFF 12V and 3V	P0.19,P0.20		

2. Flow of the Testing (for Custom PCB 12/3 V and Debug and I2C)

The Stage flow purpose , help the HW to check the Power pin , Debug pin and I2C pin to verify and build the Custom PCB Hardware Development Environment. also confirm the ICE and Hardware jump wire environment and tool for next stage,

2.1 initial all pin definition (UART for P0.06 , I2C for P0.26 ,P0.27 and Power Control for P0.19 and P0.20)
2.2 Printf (“Testing Custom PCB”);
2.3 initial I2C and Write/Read MPU6050 Chip ID.
2.4 Printf (“MPU6050 CHIP ID is 0x%x” ,ChipID);
2.5 Set the P0.19 is high and P0.20 is low and sleep 5 sec.
2.6 Printf (“Set the POWER Control PIN High and Low”);
2.7 Set the P0.19 is low and P0.20 is high and sleep 5 sec.
2.8 Printf (“Set the POWER Control PIN Low and High”);
2.9 Set the P0.19 is high and P0.20 is high and sleep 5 sec.
2.10 Printf (“Set the POWER Control PIN High and High”);
2.11 Pending the code (While(1){;})