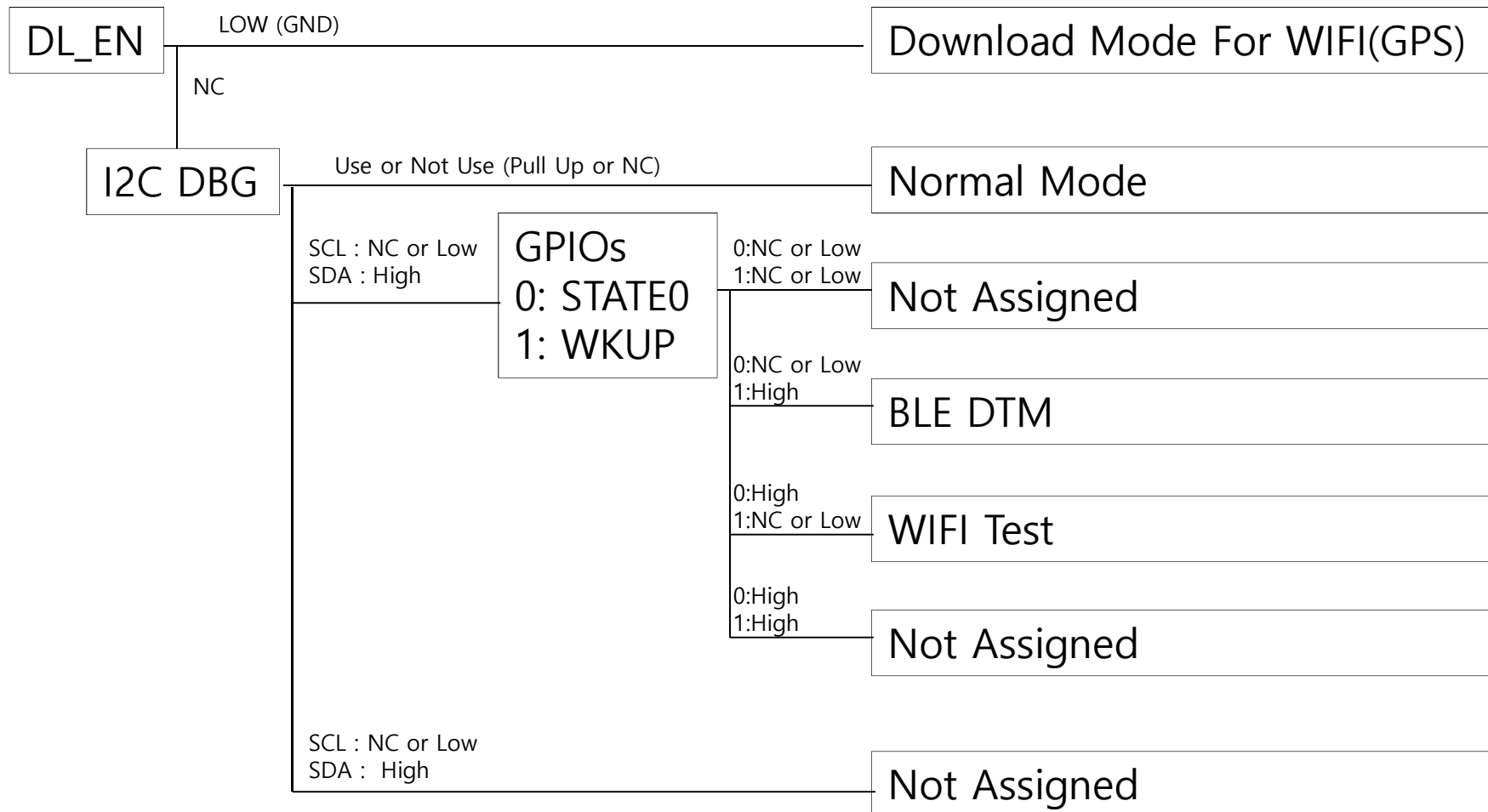
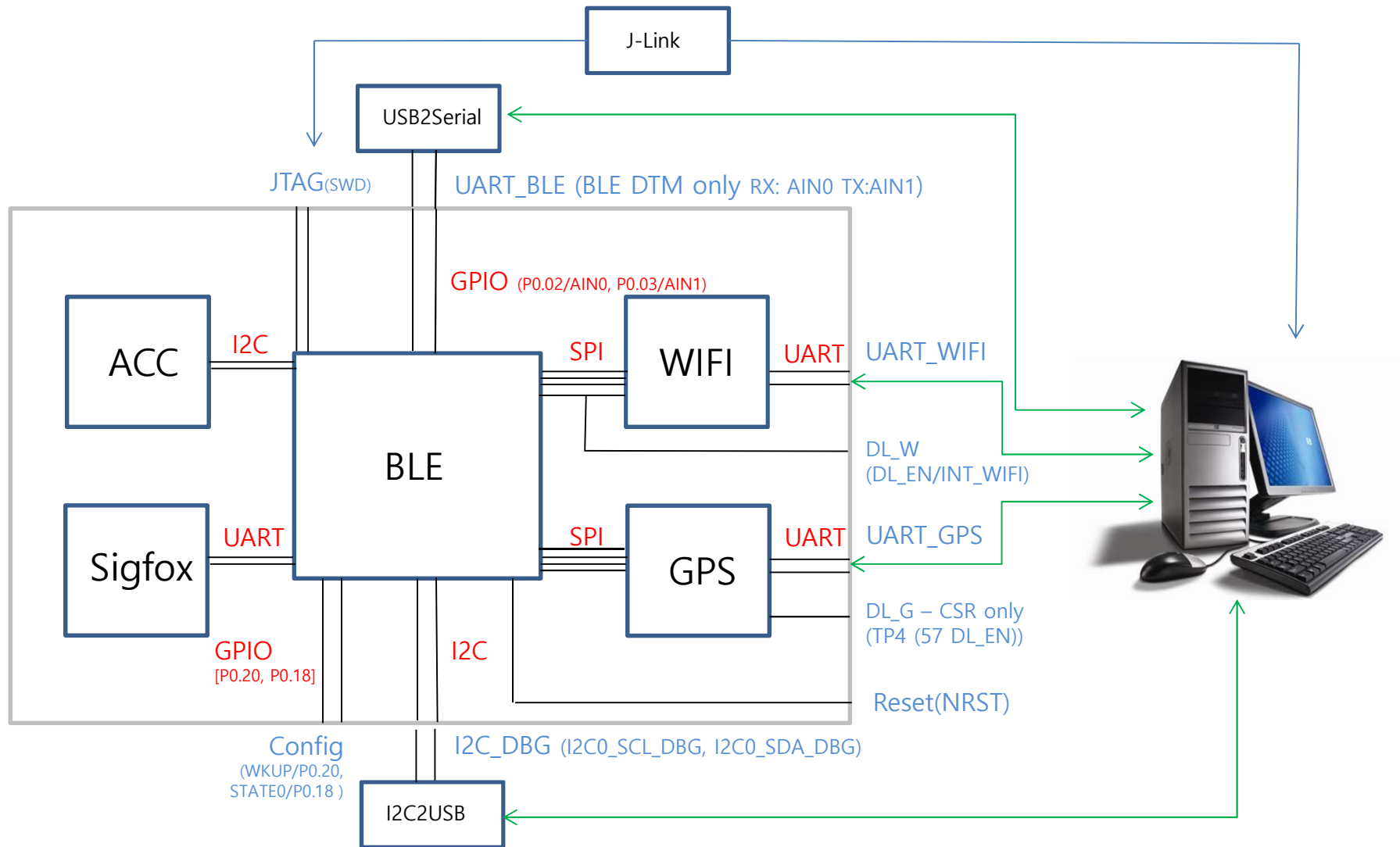


Testmode Config Pin Setting

Overview



Module Interface configuration



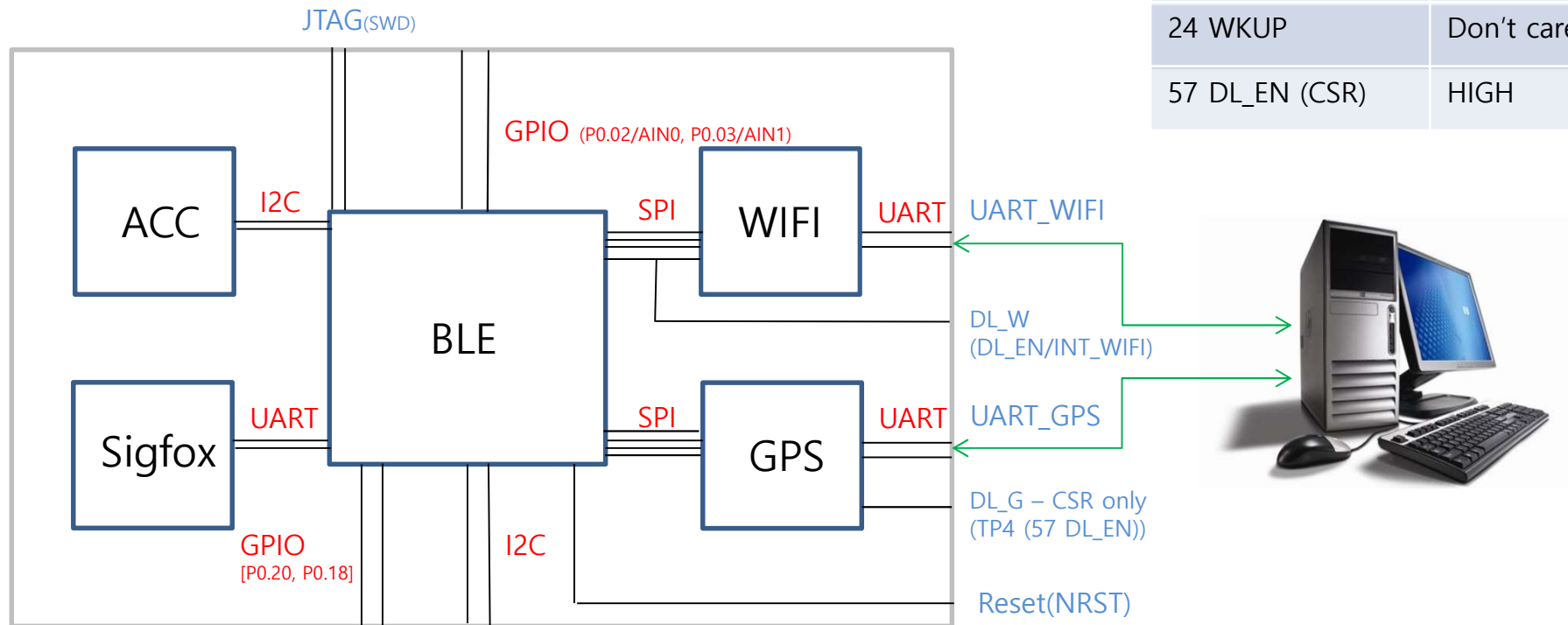
Boot Strap Pin Configuration

Main Boot Strap Pins

1. 47 DL_EN/INT_WIFI : Download mode control (GND or NC)
2. 22 I2C0_SCL_DBG : Bootmode control #1
3. 21 I2C0_SDA_DBG : Bootmode control #2

47 DL_EN/INT_WIFI	22 I2C0_SCL_DBG	21 I2C0_SDA_DBG	23 STATE0	24 WKUP	MODE
LOW (GND)	don't care	don't care	don't care	don't care	download mode
NC	HIGH (PULL UP)	HIGH (PULL UP)	don't care	don't care	Working
NC	NC	NC	don't care	don't care	Working
NC	LOW or NC	HIGH	LOW or NC	LOW or NC	not assigned
NC	LOW or NC	HIGH	LOW or NC	HIGH	BLE Test(DTM, UART RX:40 AIN0 TX:39 AIN1)
NC	LOW or NC	HIGH	HIGH	LOW or NC	WIFI Test(always on)
NC	LOW or NC	HIGH	LOW or NC	LOW or NC	not assigned
NC	HIGH	LOW or NC	-	-	not assigned

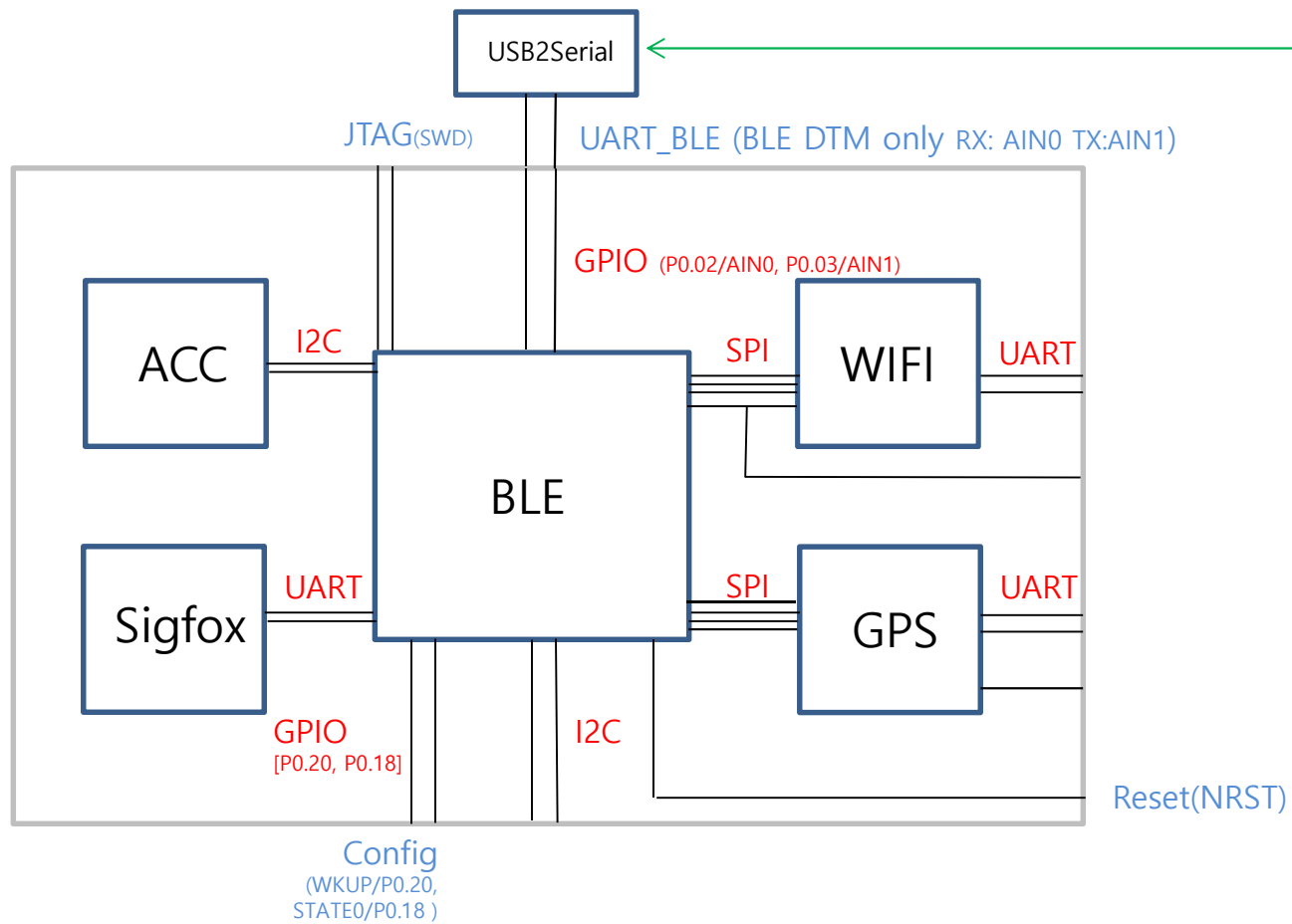
WIFI/GPS Download Mode



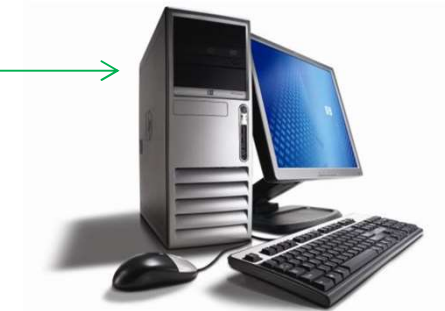
Pin	State
47 DL_EN/INT_WIFI	Low (GND)
22 I2C0_SCL_DBG	Don't care
21 I2C0_SDA_DBG	Don't care
23 STATE0	Don't care
24 WKUP	Don't care
57 DL_EN (CSR)	HIGH



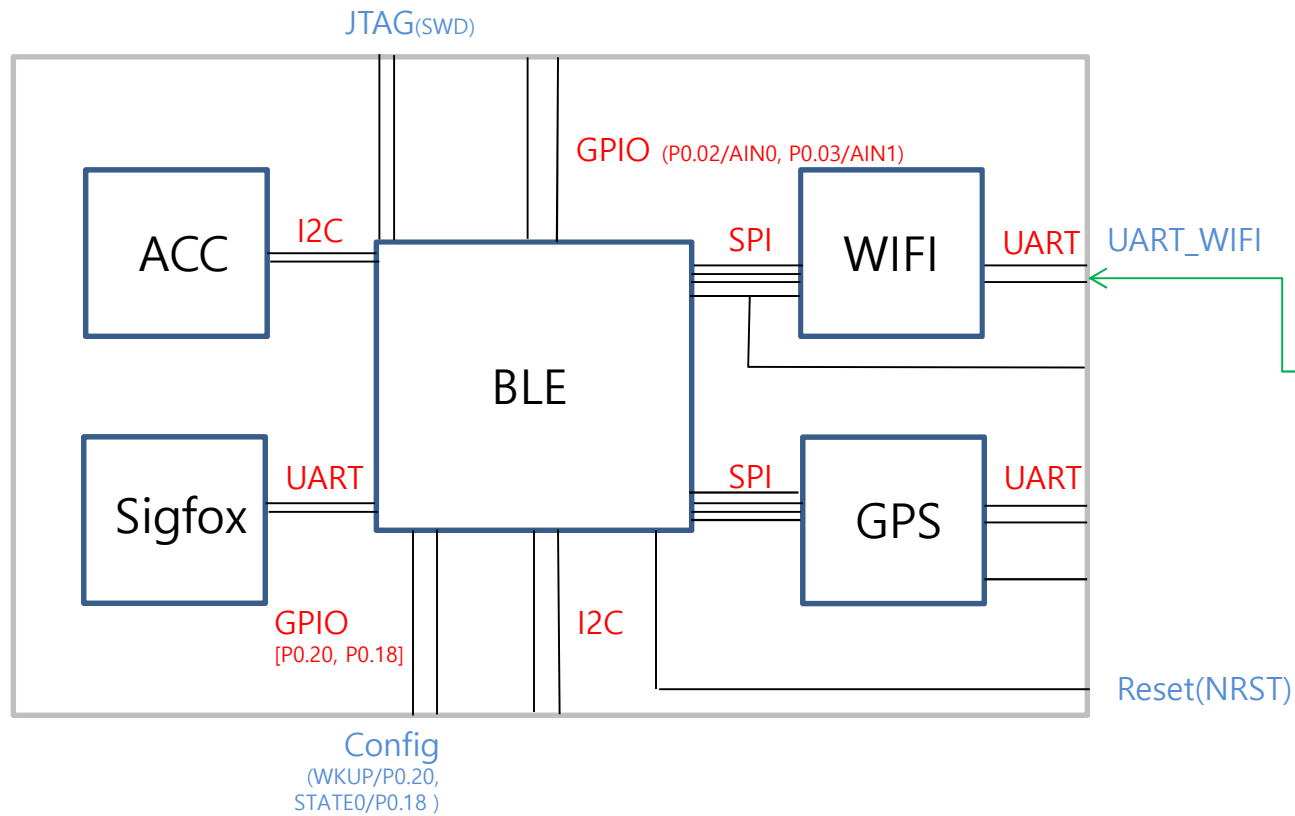
BLE Test Mode



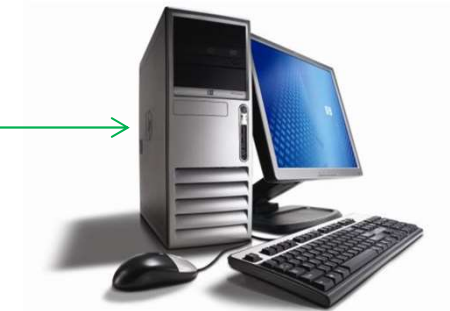
Pin	State
47 DL_EN/INT_WIFI	NC
22 I2C0_SCL_DBG	LOW
21 I2C0_SDA_DBG	HIGH
23 STATE0	LOW
24 WKUP	HIGH
57 DL_EN (CSR)	NC



WIFI Test mode (WIFI always on)



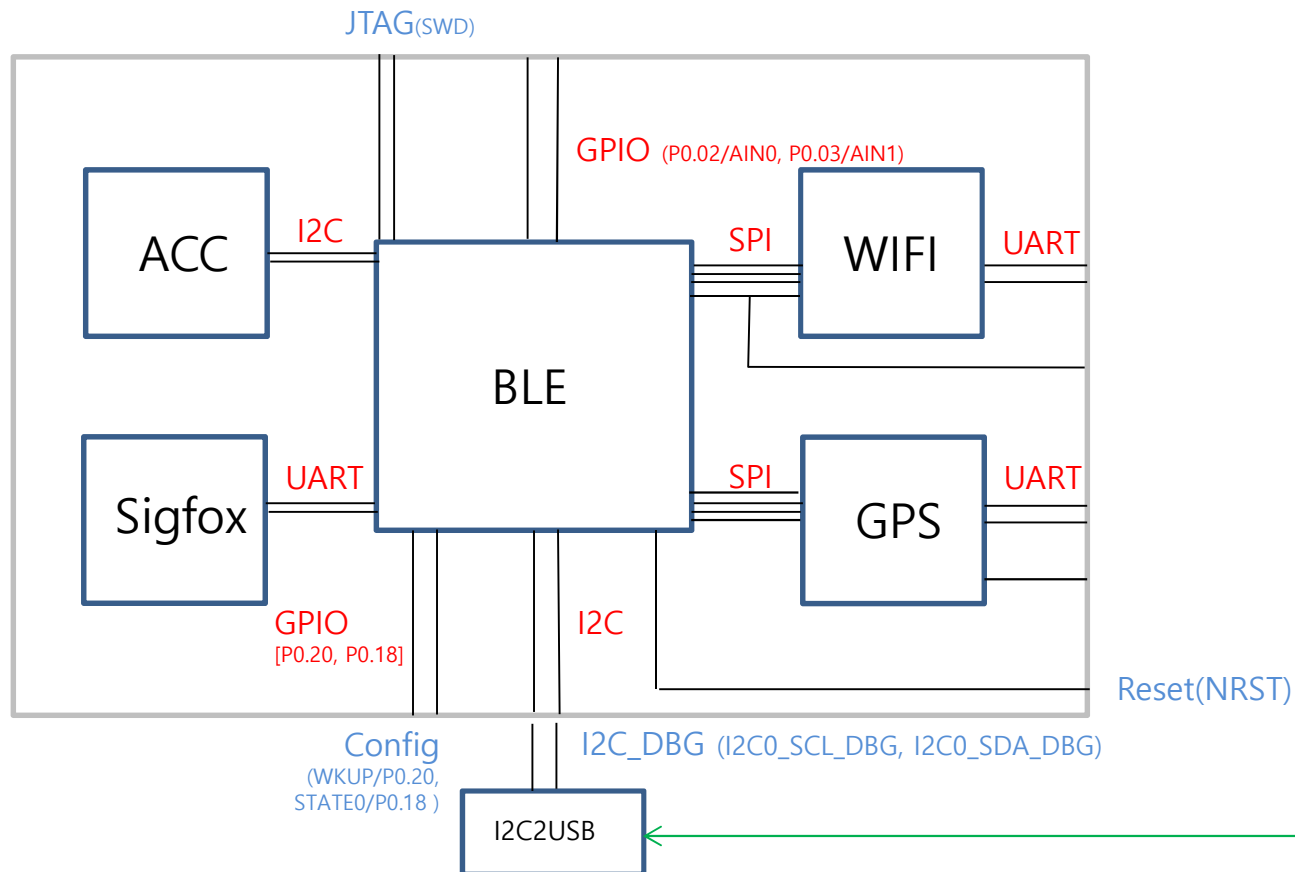
Pin	State
47 DL_EN/INT_WIFI	NC
22 I2C0_SCL_DBG	LOW
21 I2C0_SDA_DBG	HIGH
23 STATE0	HIGH
24 WKUP	LOW
57 DL_EN (CSR)	NC



Work Mode (for PC Tool)

Mode Change by PC Tool

1. Sigfox bypass mode : Sigfox Test
2. GPS Test mode : GPS Test



Pin	State
47 DL_EN/INT_WIFI	NC
22 I2C0_SCL_DBG	Use I2C
21 I2C0_SDA_DBG	
23 STATE0	Don't care
24 WKUP	Don't care
57 DL_EN (CSR)	NC

