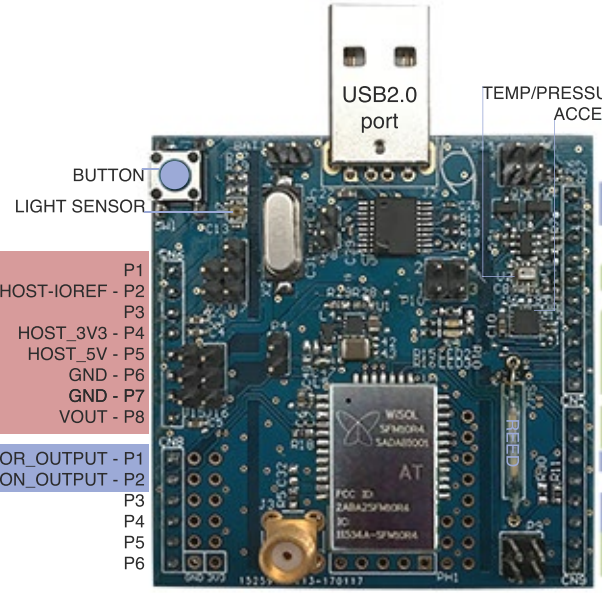
Thinxtra Xkit pin-out configuration

Pins linked to

- **Power**
- **Sensors**
- **Module**



	P1
Reference voltage for I2C communication	HOST-IOREF - P2
	P3
Input voltage to Xkit. Use with STM Nucleo jumper config	HOST_3V3 - P4
Input voltage to Xkit. Use with Arduino jumper config	HOST_5V - P5
	GND - P6
	GND - P7
Output voltage from battery. Use with battery jumper config	VOUT - P8

LIGHT_SENSOR_OUTPUT - P1	
BUTTON_OUTPUT - P2	
P3	
P4	
P5	
P6	

P10 - I2C_SCL	I2C bus to communicate with temperature/pressure sensor
P9 - I2C_SDA	I2C bus to communicate with accelerometer
P8	
P7 - GND	
P6 - GPIO6	Connected to the GPIO6 of Wisol module
P5- DO NOT USE	
P4 - GPIO9	Connected to the GPIO9 of Wisol module
P3 - GPIO7	Connected to the GPIO7 of Wisol module
P2 - GPIO4	Connected to the GPIO4 of Wisol module
P1 - SF_RESET	Connected to the RST_N pin of Wisol module

P8 - LED_BLUE	Connected to TXLED of Wisol module
P7 - LED_RED	Connected to RXLED of Wisol module
P6 - MMA8451_INT2	Interrupt pin of accelerometer
P5	
P4 - REED_OUTPUT	Connected to the REED switch
P3 - MMA8451_INT1	Interrupt pin of acceleromter
P2 - SERIAL1_TX	Connected to UARTTX of Wisol module (add P9 Jumper)
P1 - SERIAL1_RX	Connected to UARTRX of Wisol module (add P9 Jumper)

Wisol module pin-out configuration

FRONT

BACK

1	GND	9	GPIO5	17	TXLED/ DBG_CLK	25	GPIO2
2	GND	10	GPIO4	18	NC4/DBG_EN	26	GPIO3
3	GND	11	CPU_LED	19	RST_N	27	GND
4	GND	12	RADIO_LED	20	GND	28	GND
5	NC3/ SYSCLK	13	GPIO9	21	VDD_IO	29	GND
6	GPIO8	14	UARTTX	22	GND	30	RF_IO
7	GPIO7	15	UARTRX	23	GPIO0	31	GND
8	GPIO6	16	RXLED/ DBG_DATA	24	GPIO1		

Pin-map of RCZ1, RCZ2, RCZ3 and RCZ4 module is compatible (Pin to Pin)