Reset Button

RES

I2C controlled ⓘ   RGB LED 🔴

TOP VIEW

🔆 Orange LED   ⓘ I2C controlled

A — ZMOD4510AI1V (U2) - Outdoor Air Quality Sensor
B — ZMOD4410AI1V (U1) - Indoor Air Quality Sensor
C — HS4001 (U3) - Relative Humidity & Temperature Sensor

I2C0	SPI			
		AN009	P014	8
		AN008	P013	7
	SCLK Ⓓ		P102	6
SCL	MISO Ⓓ		P100	5
SDA	MOSI Ⓓ		P101	4
	SS Ⓓ		P103	3
		AN007	P012	2
		GPIO1	P201	1

R7FA2E1A92DNH#AA0

		I2C0	SPI	UART/ USART
9	IN +5V			
8	NC			
7	OUT +3V3			
6	GND			
5	RESET			
4	P110			Ⓓ SERIAL_RX
3	P109			Ⓓ SERIAL_TX
2	P100	Ⓓ SCL	MISO	
1	P101	Ⓓ SDA	MOSI	

P

PMOD Connector (J3)
Compatible with angled TSM Header
12-Pin / 2-Row, 2.54 mm pitch

BOTTOM VIEW

	I2C0	SPI	
1	P103		SS
2	RESET		
3	P100	SCL	MISO
4	P101	SDA	MOSI
5	GND		
6	OUT +3V3		
12	OUT +3V3		
11	GND		
10	P201		GPIO1
9	P013		AN008
8	P012		AN007
7	P914		GPIO10

P

RENESAS

NC	P8	
NC	P7	
NC	P6	
RESET	P5	
SWCLK	P300	P4
SWDIO	P108	P3
NC	P2	
NC	P1	

ESLOV

I2C0	SPI			
		VESLOV +5V IN		1
		GPIO3	P112	2
SCL Ⓓ	MISO		P100	3
SDA Ⓓ	MOSI		P101	4
			GND	5

Legend:

🟧 Digital	🟦 I2C
⬜ Analog	🟦 SPI
🟥 Power	🟫 Reserved
⬛ Ground	⬜ Not Connected
🟨 Main Part	🟪 UART/USART

ARDUINO®

Nicla Sense Env
SKU code: ABX00089
Pinout
Last update: 27 June, 2024