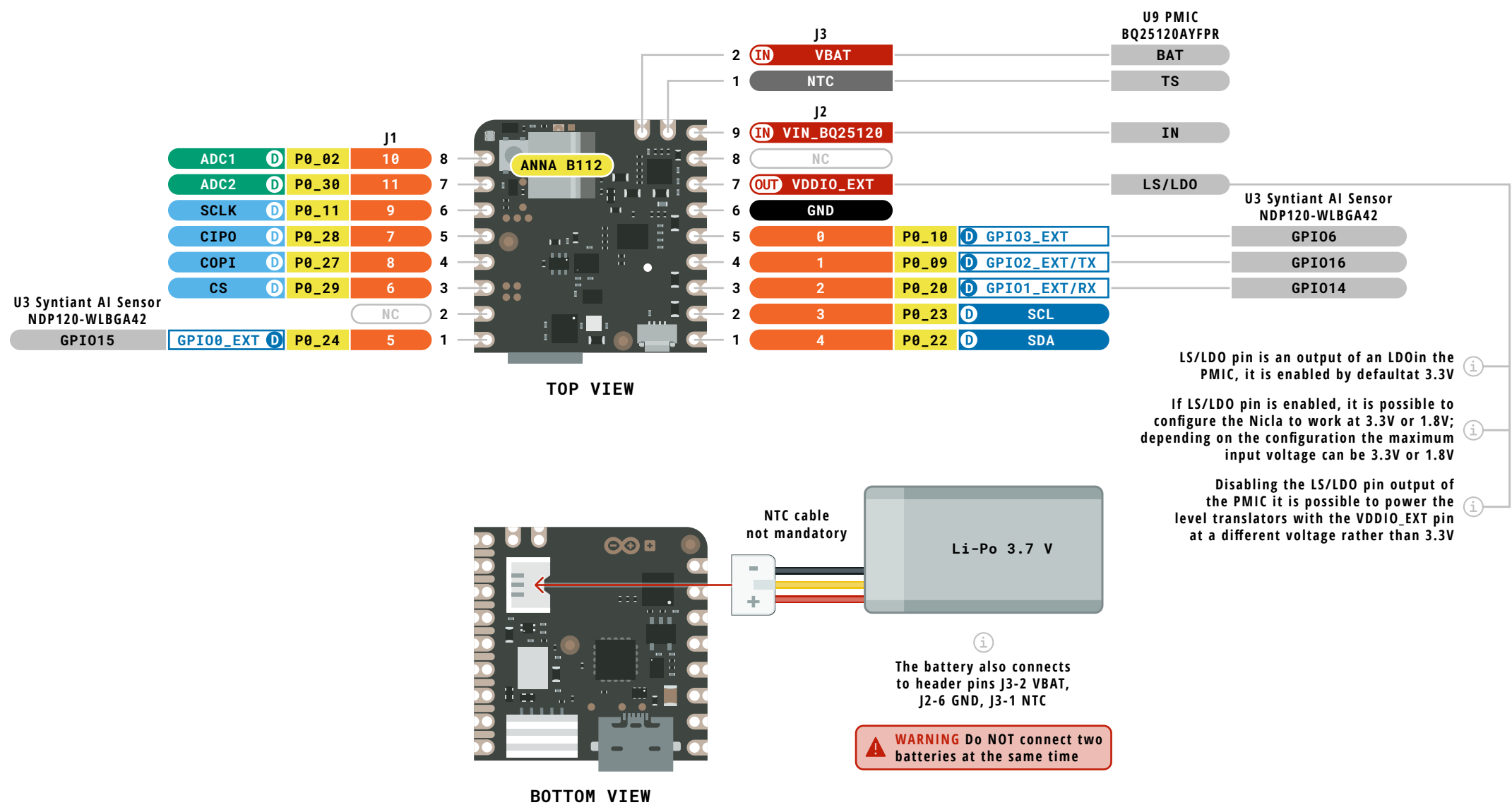


i The battery also connects with the Battery Connector J4 on the bottom of the board

WARNING Do NOT connect two batteries at the same time



Legend:

Power

Ground

IN Power Input

OUT Power Output

GPIO Digital External

Analog External

Main Part

Secondary Part

Internal Component

Other Pins (Reset, System Control, Debugging)

I2C

SPI

UART/USART

Other SERIAL Communication

Analog

PWM/Timer

Default

Default

Default

Default

LED

RGB LED

Other

MAXIMUM current per pin is 10mA

MAXIMUM current sunk overall is 40mA

MAXIMUM current sourced overall is 40mA

CIP0/COPI have previously been referred to as MISO/MOSI

NICLA VOICE

ARDUINO

SKU code: ABX00061

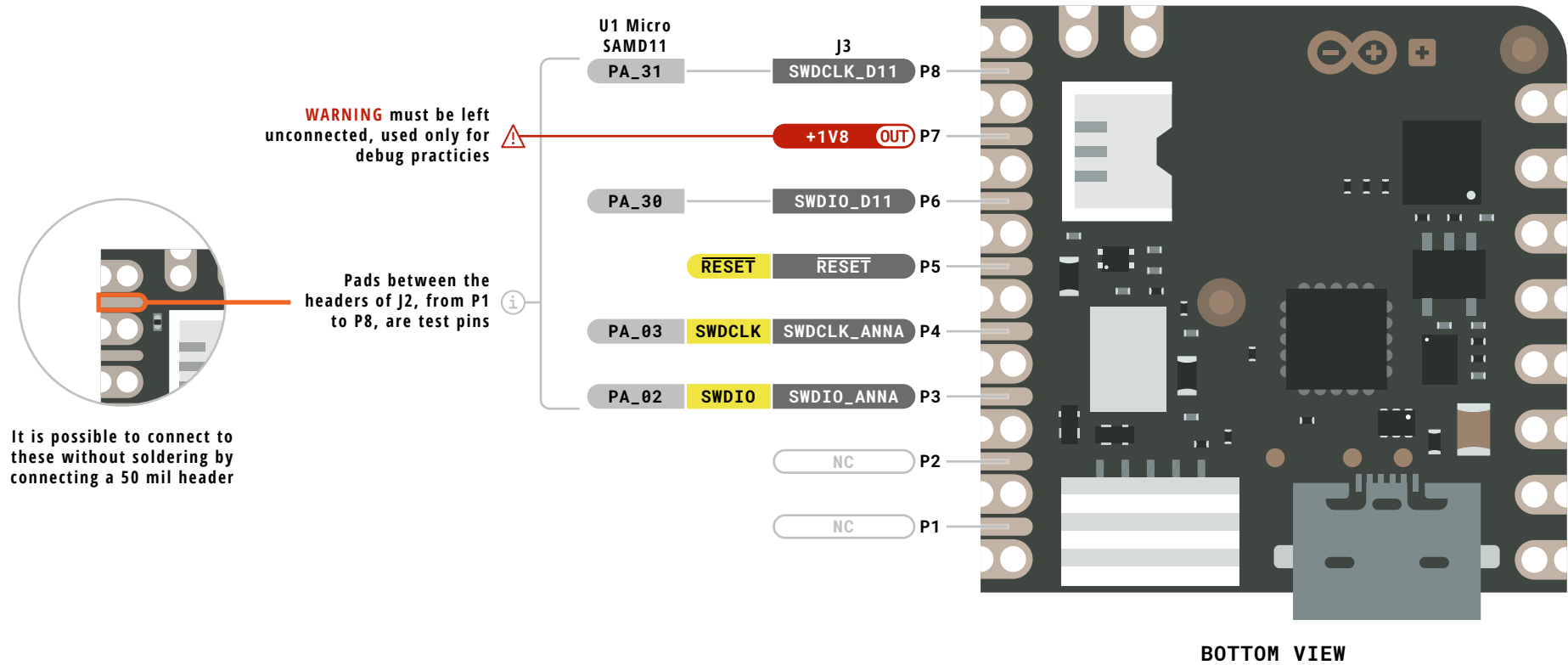
Full Pinout - Page 1 of 7

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Legend:

Power

Power Input

Power Output

Ground

GPIO Digital External

Analog External

Main Part

Secondary Part

Internal Component

Other Pins (Reset, System Control, Debugging)

LED

RGB LED

Other

MAXIMUM current per pin is 10mA

MAXIMUM current sunk overall is 40mA

MAXIMUM current sourced overall is 40mA

CIP0/COPI have previously been referred to as MISO/MOSI

NICLA VOICE

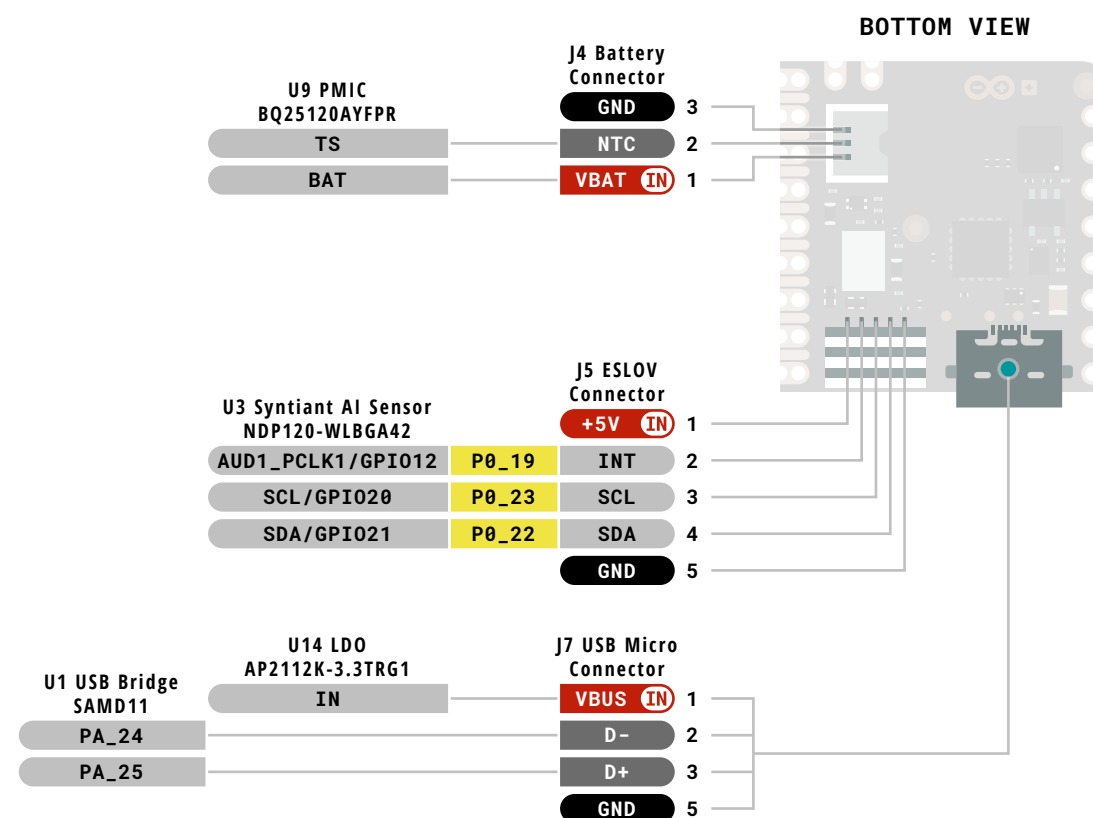
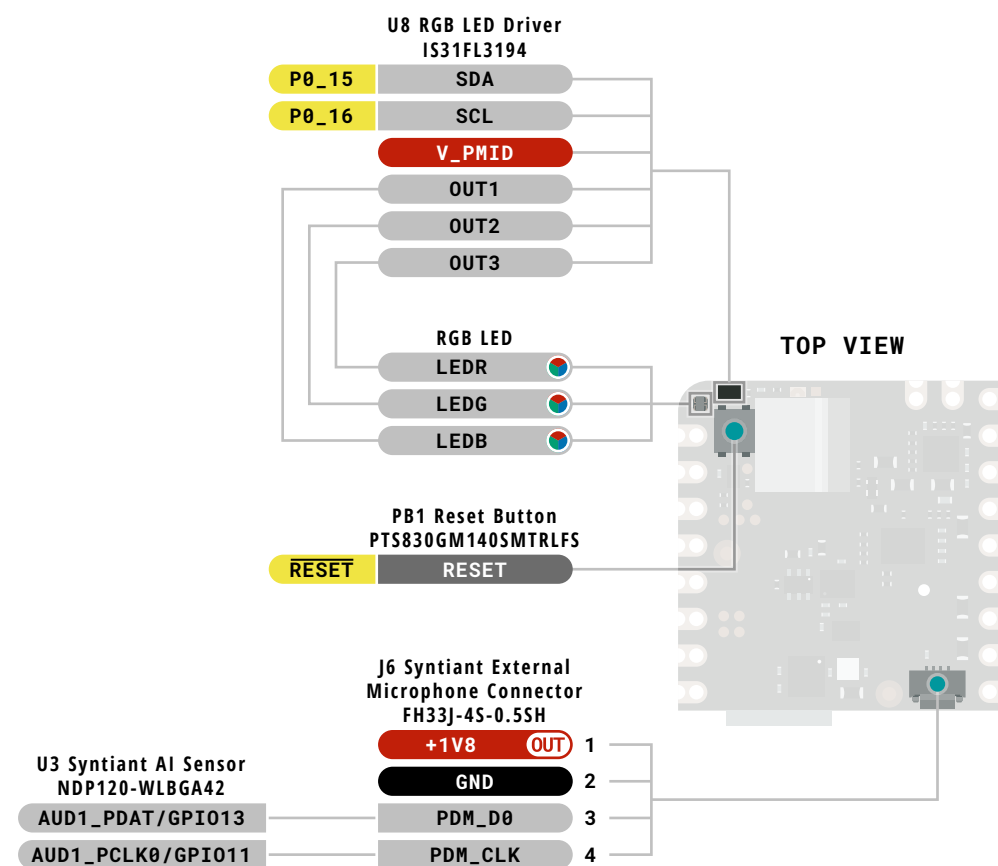
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Legend:

Power
Ground

IN Power Input
OUT Power Output

GPIO Digital External
Analog External
Main Part
Secondary Part
Internal Component
Other Pins (Reset, System Control, Debugging)

LED
RGB LED
Other

⚠️ MAXIMUM current per pin is 10mA
⚠️ MAXIMUM current sunk overall is 40mA
⚠️ MAXIMUM current sourced overall is 40mA
i CIP0/COPI have previously been referred to as MISO/MOSI

NICLA VOICE
ARDUINO

SKU code: ABX00061
Full Pinout - Page 3 of 7
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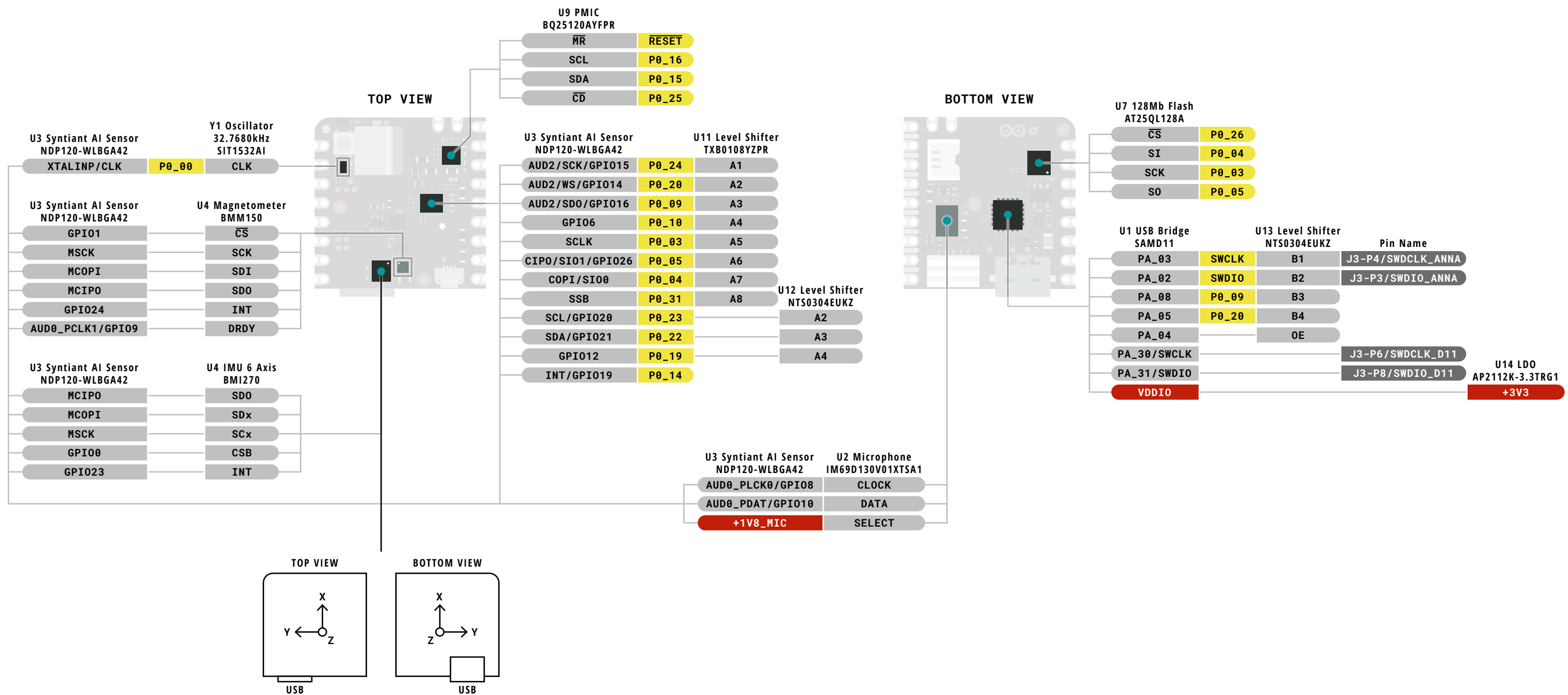
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W A R N I N G !

Advanced Section

The following information is for advanced use only and
may not be officially supported by Arduino software





Legend:

Power

Power Input

Power Output

Ground

GPIO Digital External

Analog External

Main Part

Secondary Part

Internal Component

Other Pins (Reset, System Control, Debugging)

LED

RGB LED

Other

⚠️ **MAXIMUM** current per pin is 10mA

⚠️ **MAXIMUM** current sunk overall is 40mA

⚠️ **MAXIMUM** current sourced overall is 40mA

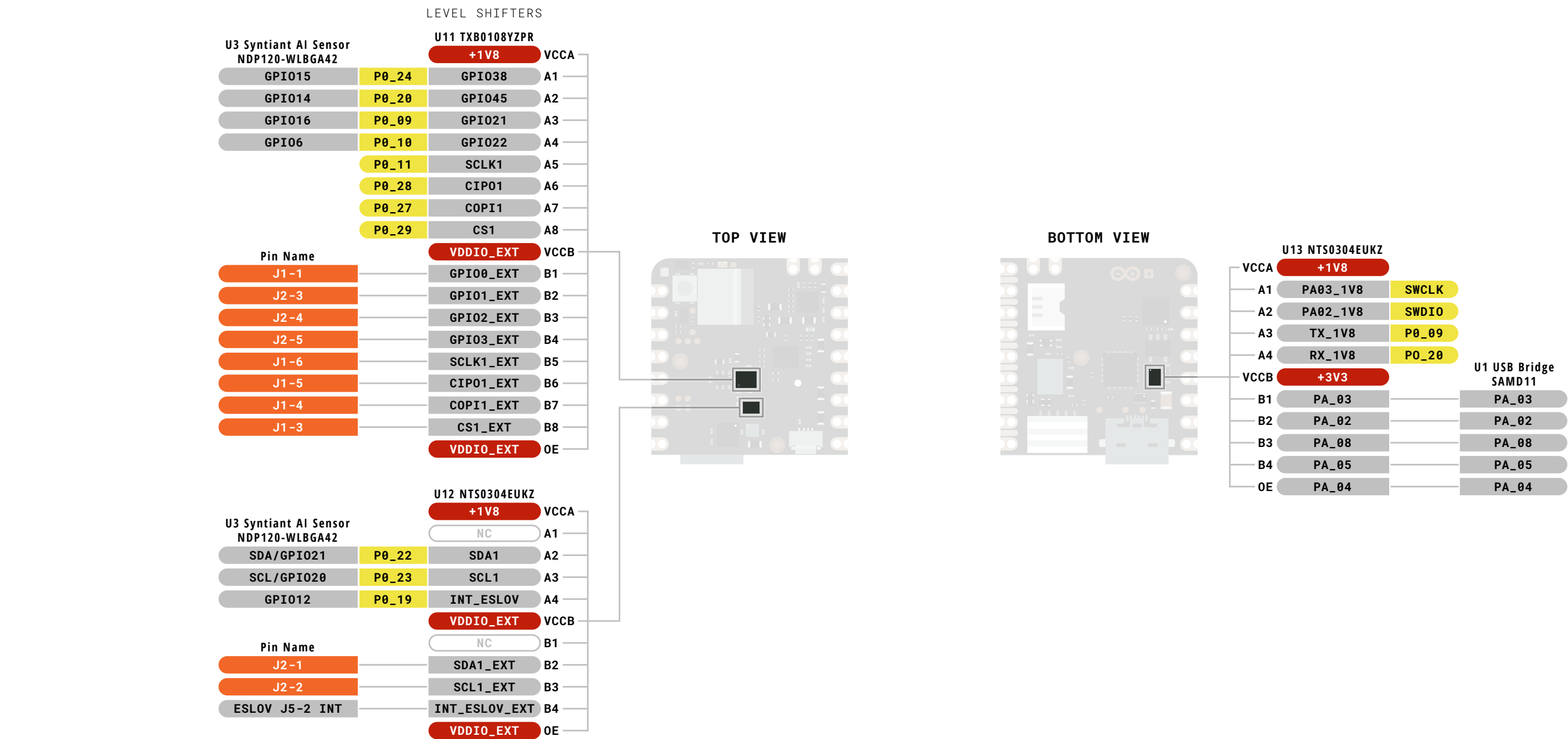
ℹ️ CIP0/COPI have previously been referred to as MISO/MOSI

NICLA VOICE
ARDUINO

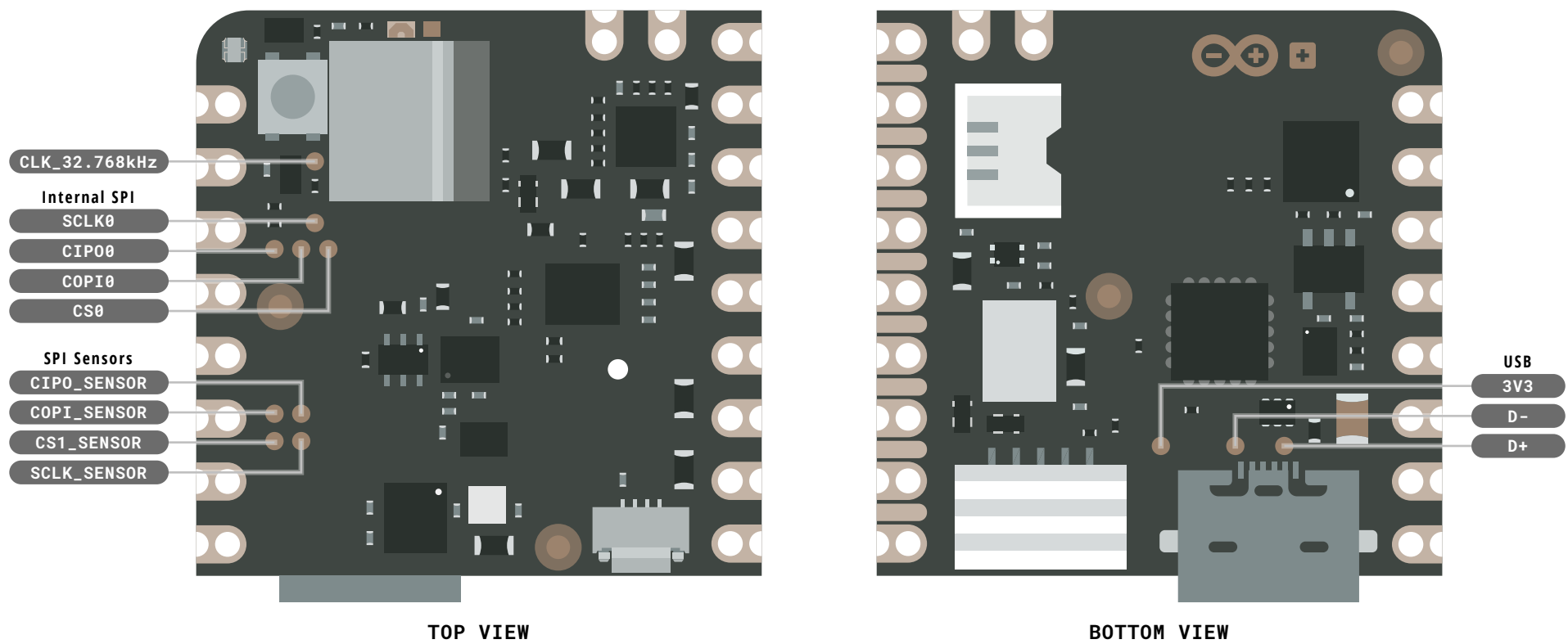
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Test Points



Legend:

Power

Power Input

Power Output

Ground

GPIO Digital External

Analog External

Main Part

Secondary Part

Internal Component

Other Pins (Reset, System Control, Debugging)

LED

RGB LED

Other

MAXIMUM current per pin is 10mA

MAXIMUM current sunk overall is 40mA

MAXIMUM current sourced overall is 40mA

CIP0/COPI have previously been referred to as MISO/MOSI

NICLA VOICE

ARDUINO

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