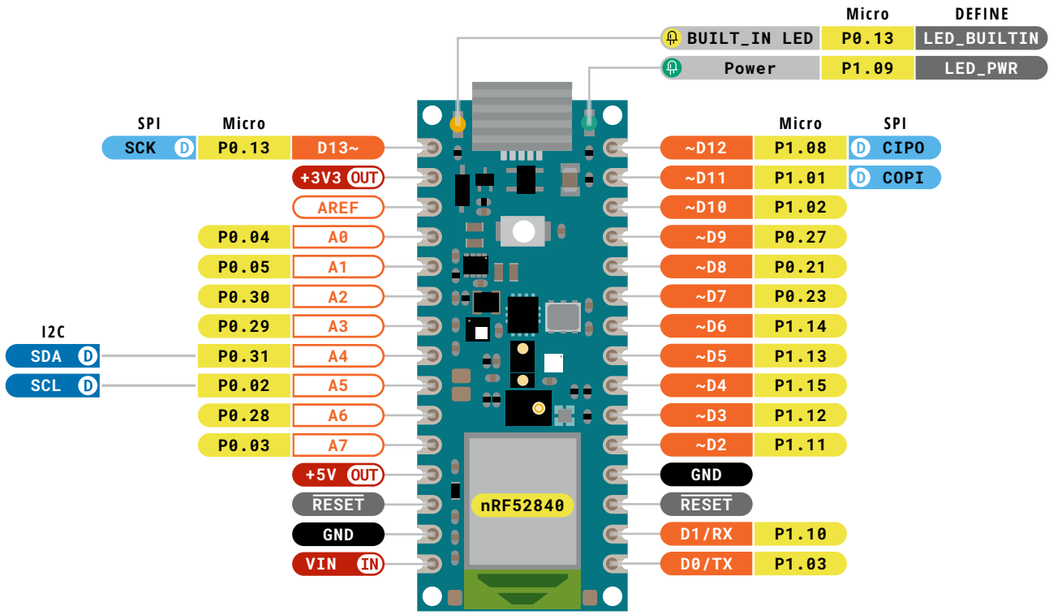

TOP VIEW

Legend:

- Power
- Ground
- Power Input
- Power Output
- GPIO Digital External
- Analog External
- Main Part
- Secondary Part
- Internal Component
- Other Pins (Reset, System Control, Debugging)
- I2C — Default
- SPI — Default
- UART/USART — Default
- Other SERIAL Communication
- Analog — Default
- PWM/Timer
- LED
- RGB LED
- Short Circuit allowed functions

MAXIMUM output current per pin is 15mA

MAXIMUM input current per pin is 5mA

MAXIMUM current overall is 25mA for the sum of all GPIOs and VDDs

VIN 5-21V input to the board

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

ARDUINO NANO 33 SENSE REV2 BOARD BLE

SKU code: ABX00069
Full Pinout - Page 1 of 4
Last update: 22 Dec, 2022

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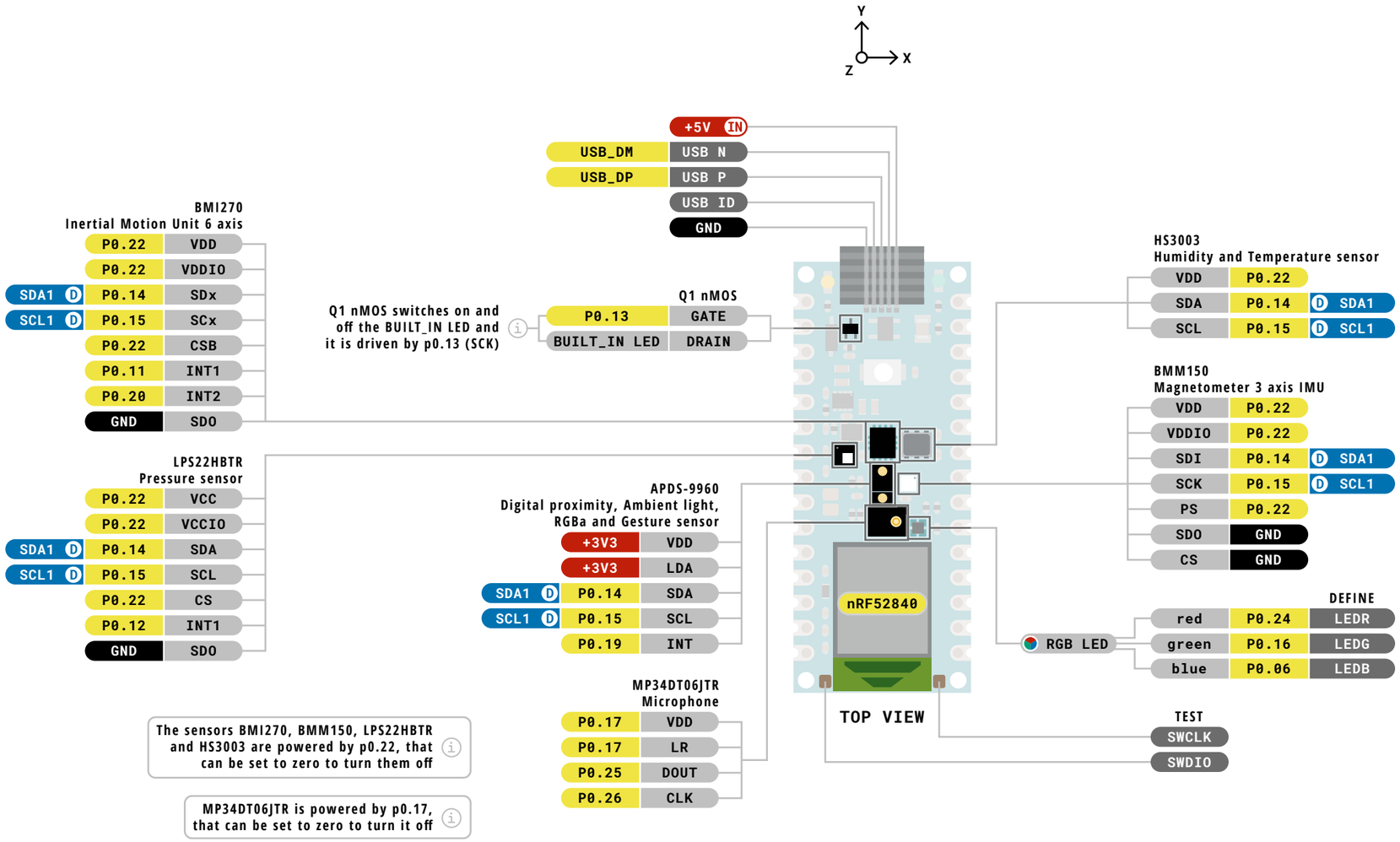
WARNING!

Advanced Section

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



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 — D Default
- SPI — D Default
- UART/USART — D Default
- Other SERIAL Communication
- Analog — D Default
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- RGB LED
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NANO 33 SENSE REV2 BOARD BLE

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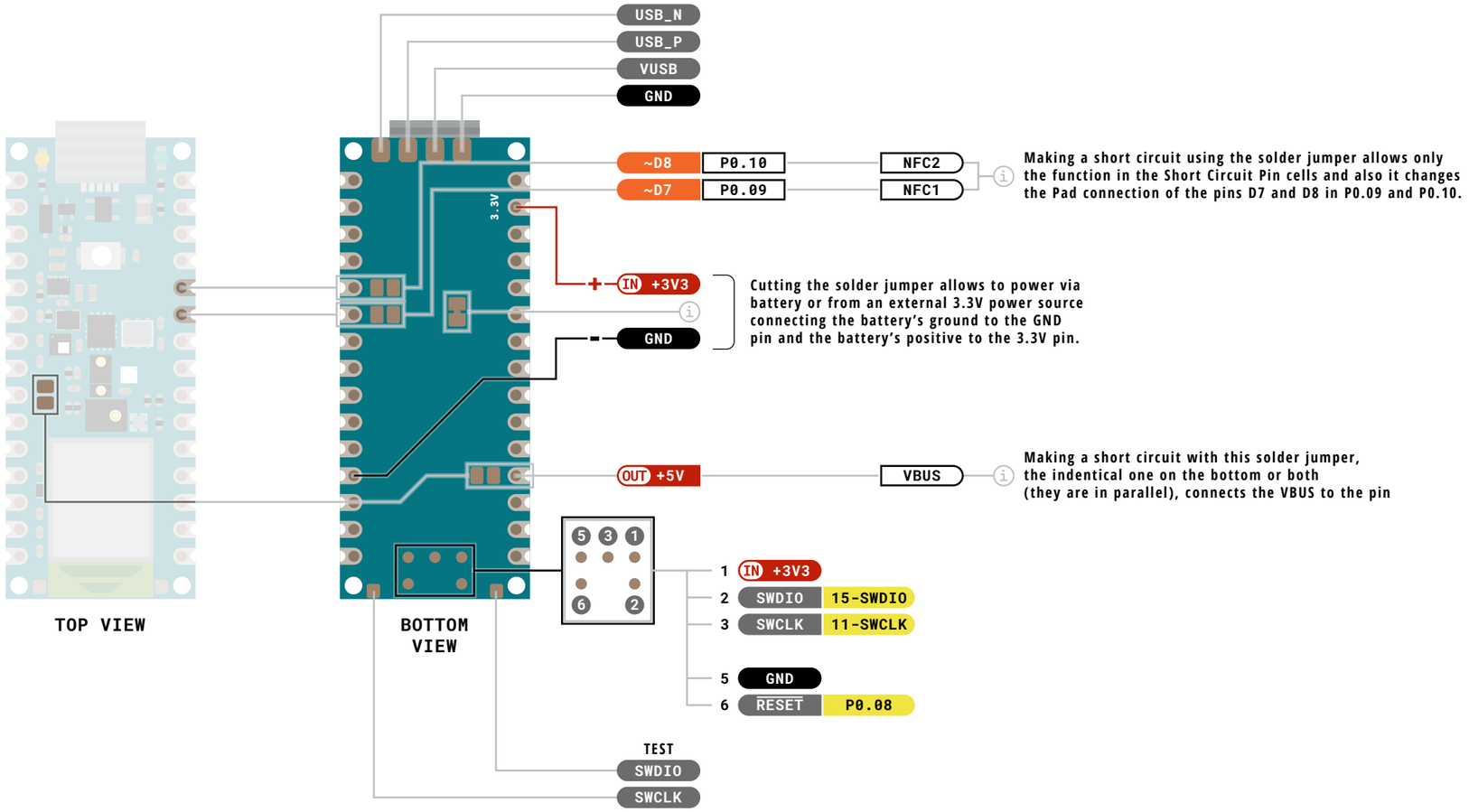

Legend:

- Power
- Ground
- Power Input
- Power Output
- GPIO Digital External
- Analog External
- Main Part
- Secondary Part
- Internal Component
- Other Pins (Reset, System Control, Debugging)
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