Reset Button
RESET

USB-C® is connected to Serial interface (SERIAL_RX_PIN and SERIAL_TX_PIN)

USB-C®

LED_BUILTIN

RGB LED
LEDR
LEDG
LEDB

POWER LED

SPI
SCK D | D13
+3V3 OUT
AREF

DAC
DAC | A0 14

OPAMP
INPUT+ | A1 15
INPUT- | A2 16
OUTPUT | A3 17

I2C1
SDA D | A4 18
SCL D | A5 19
A6 20
A7 21
+5V
BOOT
GND

+21 VDC MAX | VIN IN

I2C0
I2C0 SDA

RTC battery power backup
Min: 1.6 V - Max: 3.6 V

VBATT IN

SPI
D12 | D MISO
~D11 | D MOSI
~D10 | D SS
~D9
D8
D7
~D6
~D5 | **CAN** PIN_CAN0_RX
D4 | PIN_CAN0_TX
~D3
D2
GND
RST
D0 | **UART/USART** D SERIAL1_RX_PIN
D1 | D SERIAL1_TX_PIN

I2C0
I2C0 SCL

QWIIC
1 GND
2 +3V3 OUT
3 I2C0 SDA
4 I2C0 SCL

Legend:

Digital	SPI	Internal Component	
Power	Analog	UART/USART	Other Pins
Ground	I2C	D Default	OPAMP

ARDUINO

Nano R4
SKU code: ABX00142
Pinout
Last update: 25 Nov, 2025