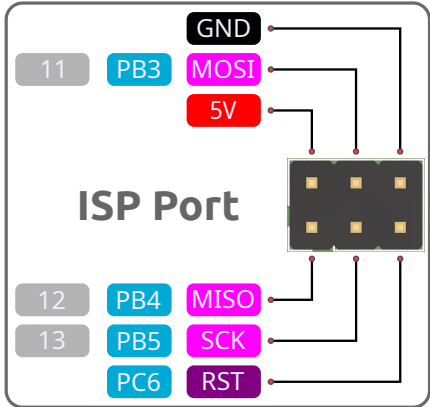


GroundStudio Jade Uno

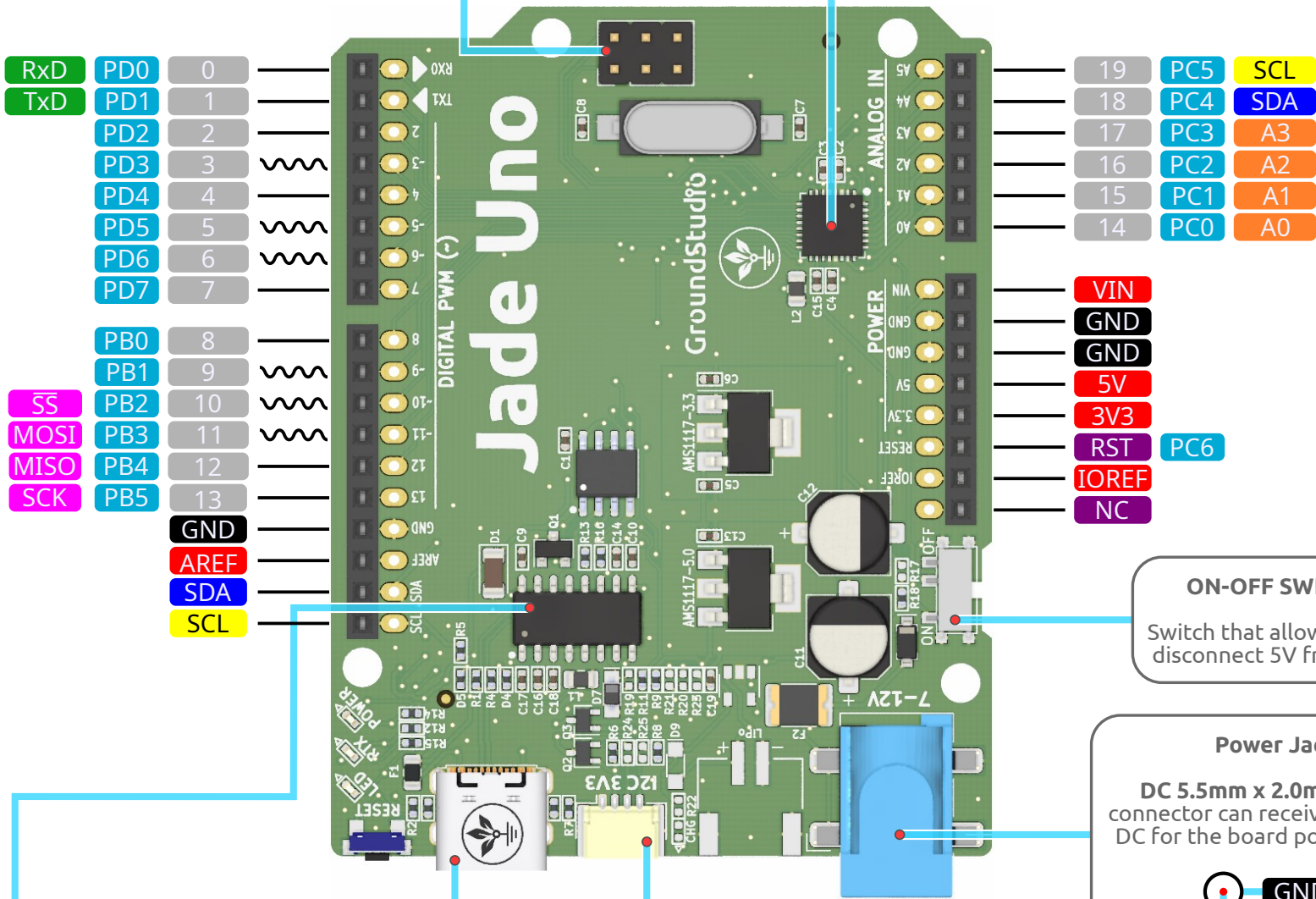
ATMEGA328P based development board, **32kBytes** of In-System Self-Programmable **Flash** program memory, **1kBytes EEPROM**, **2kBytes** Internal **SRAM**, **6 PWM** Channels, **20 Digital Pins** including **4** channel 10 bit **ADC Pins**



ATMEGA328P
Widely popular ATmega328P is a high-performance 8-Bit microcontroller with advanced RISC architecture

COLOR DIAGRAM

- Digital Pin Number
- uController Pin
- ADC Channel
- SCL
- SDA
- SPI
- USART Pins
- Ground
- Power
- Others
- ~ PWM Enabled Pin



USB DRIVER
HT42B534 with built-in 12MHz clock generator. Implements Human Interface Device (HID) protocol for user configure USB VID, PID and device description strings

USB C
USB 2.0 type C for double-sided connection

I²C 3V3
I²C SH adapter with 1.0mm pitch, **Qwiic** and **StemmaQT** compatible.
A4 & A5 cannot be used as ADC pins due to constantly being pulled up for I²C 3V3 conversion

18	19
PC4	PC5
SDA	SCL

GND, 3V3

