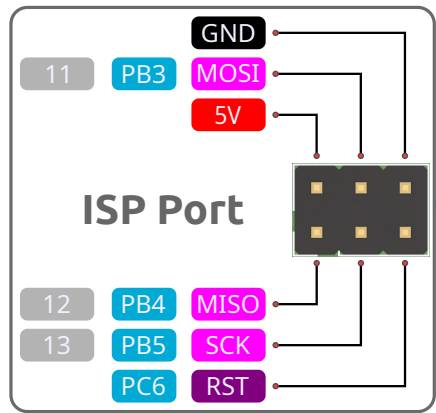


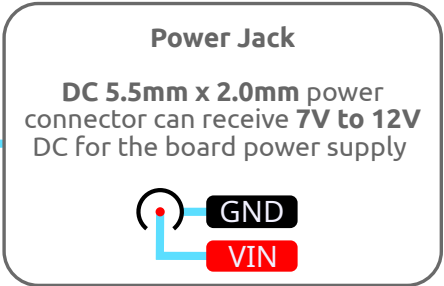
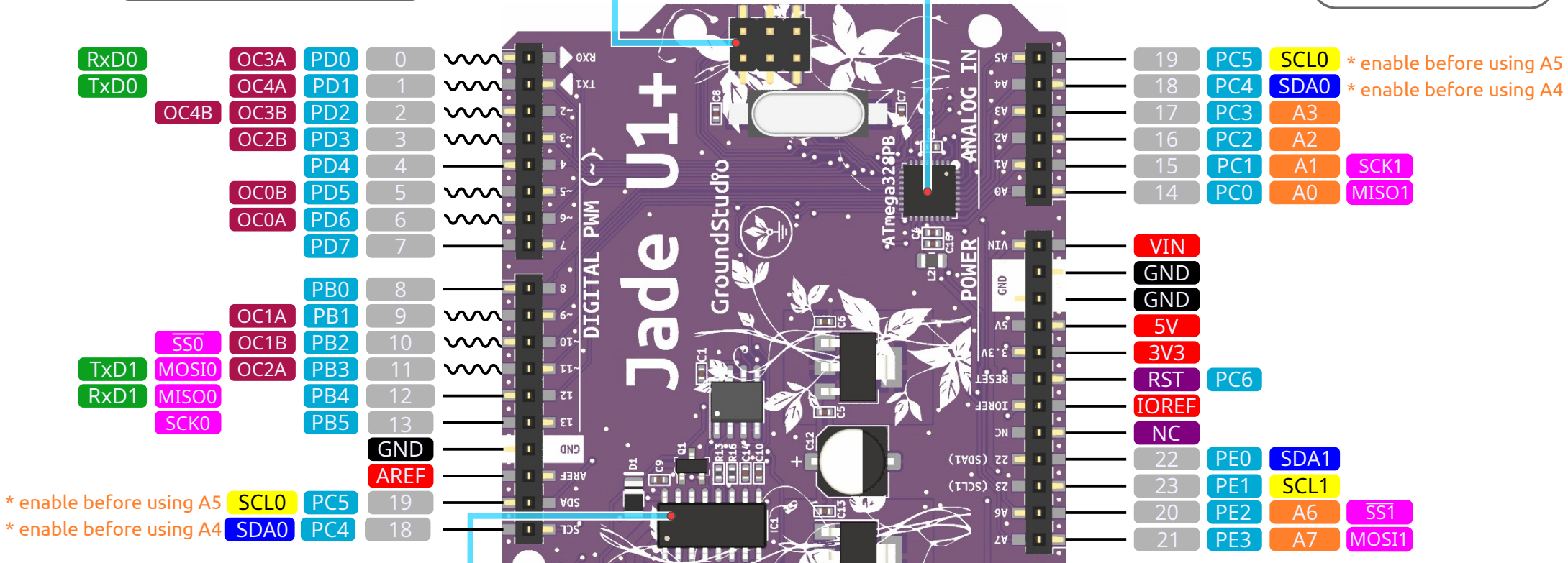
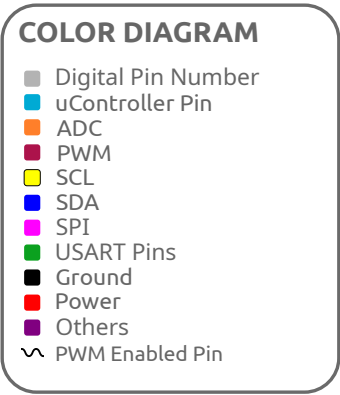
GroundStudio Jade U1+

ATMEGA328PB based development board featuring picoPower® technology for better power management, Peripheral Touch Controller (PTC), **32kBytes** of In-System Self-Programmable **Flash** program memory, **1kBytes** EEPROM, **2kBytes** Internal **SRAM**, **10 PWM** Channels, **24 Digital Pins**, **2 USART**, **2 SPI**, **2 I²C** ports with an I²C 3V3 adapter on port 0 (default) and **8 ADC** Pins with 10 bit Resolution



ATMEGA328PB

The ATmega328PB is a low-power, high-performance 8-Bit microcontroller with enhanced RISC architecture

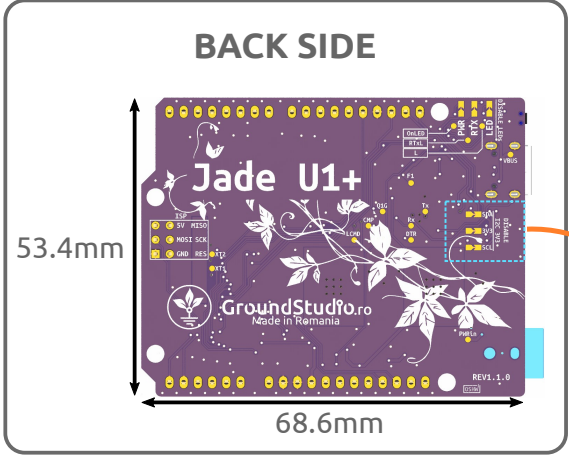
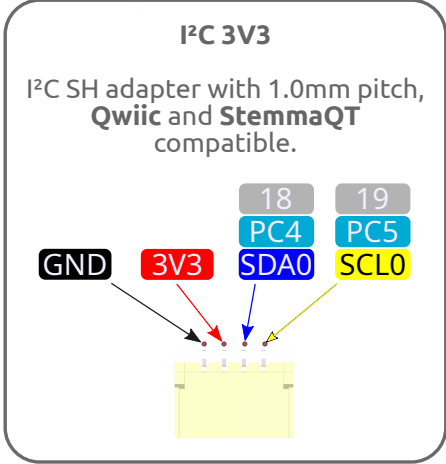


USB DRIVER

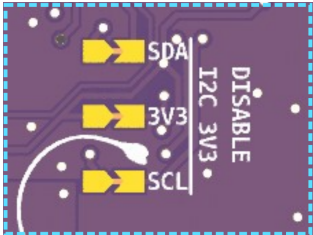
HT42B534 with built-in 12MHz clock generator. Implements Human Interface Device (HID) protocol for user configure USB VID, PID and device description strings

USB C

USB 2.0 **type C** for double-sided connection



* A4 & A5 pins are being used by default for I2C 3V3 conversion. Pins can be detached from I2C 3V3 connector by cutting the solder jumpers on the backside of the pcb.



Board: "GroundStudio Jade U1+" OLMPHC_GS REV 1.1.0

Credits: "Arduino UNO REV3" by Arduino

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Pinout REV: 1