

Arduino Leonardo Compatible Controller Board

The Arduino Leonardo is a microcontroller board based on the ATmega32u4. It has 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a micro USB connection, a power jack, an ICSP header, and a reset button. The Leonardo differs from all preceding boards in that the ATmega32u4 has built-in USB communication, eliminating the need for a secondary USB to RS232 converter. This allows the Leonardo to appear to a connected computer as a mouse and keyboard, in addition to a virtual (CDC) serial / COM port.

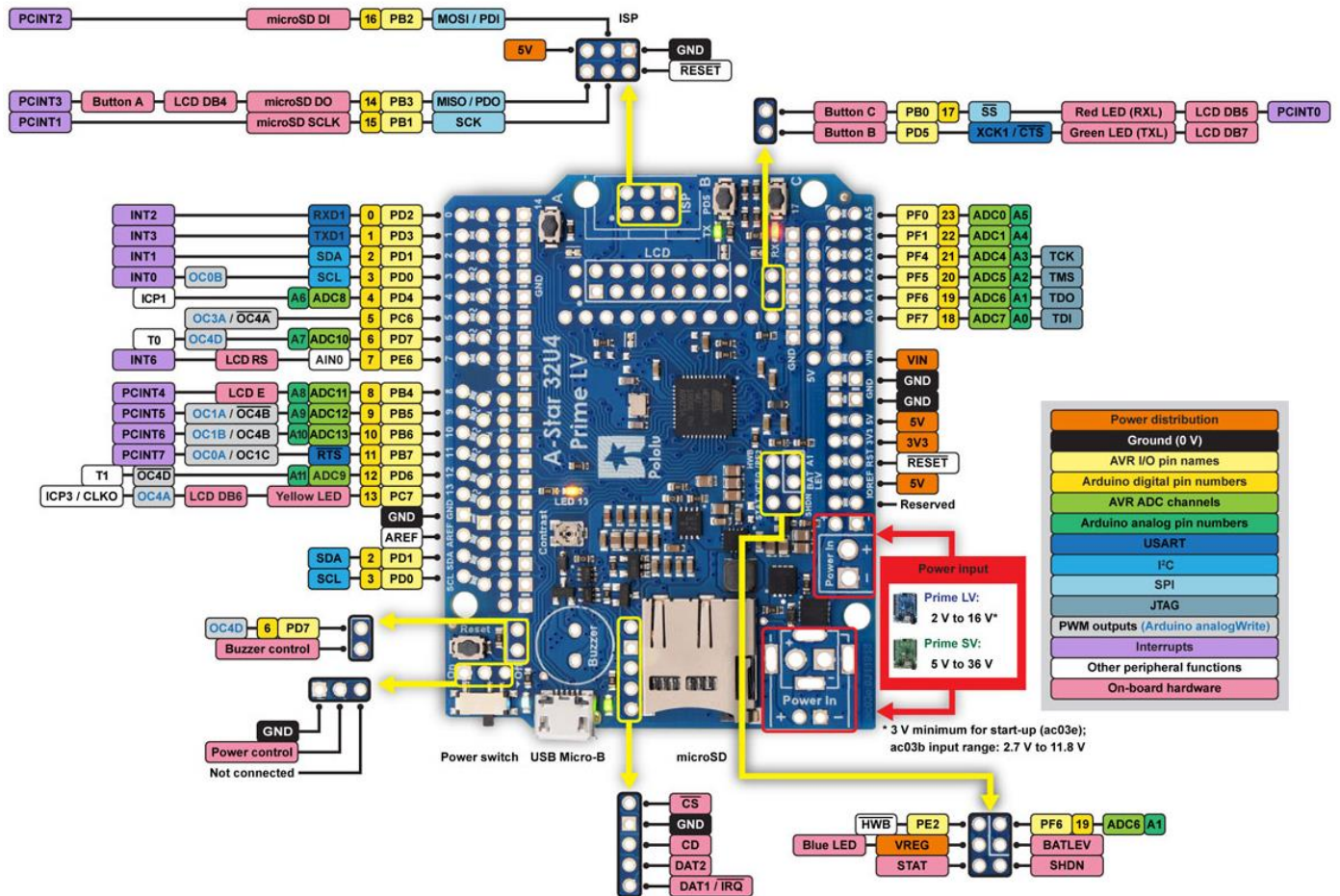


SKU: MDU1129

Brief Data:

- Product: Arduino Leonardo Compatible.
- Microcontroller: ATmega32u4.
- Operating Voltage: 5V.
- Input Voltage (recommended): 7~12V.
- Digital I/O Pins: 20.
- PWM Channels: 7.
- Analog Input Channels: 12.
- Flash Memory: 32KB (ATmega32u4) of which 4 KB used by bootloader.
- SRAM: 2.5KB (ATmega32u4).
- EEPROM: 1KB (ATmega32u4).
- Clock Speed: 16MHz.

Pin Assignment:





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