A-Star 32U4 Prime
Pinout and peripherals

Ground (0 V)
AVR I/O pin names
Power distribution
Arduino digital pin numbers
AVR ADC channels
Arduino analog pin numbers
USART
I2C
SPI
Interrupts
JTAG
Other peripheral functions
On-board hardware

PWM outputs (Arduino analogWrite)
Power switch microSD

Prime LV:
2 V to 16 V*
Prime SV:
5 V to 36 V

* 3 V minimum for start-up (ac03e);
ac03b input range: 2.7 V to 11.8 V

3 V3
VIN
Reserved
Power input

Pololu
* 3 V minimum for start-up (ac03e); ac03b input range: 2.7 V to 11.8 V