



NANO EXPANDER

GROVE CONNECTOR BOARD
FOR ARDUINO NANO33IoT
MCH200721V1.2-LR-AJB

GROVE OUTPUT:
3V3 - 1A (VIA USB)
3V3 - 500mA (VIA LiPo)

NEOPIXEL OUTPUT:
5V, 2A (only via USB)
max 30 LED's w/o extra supply
Data Output (5V) D9 and/or D10

PIN INFO:
max 7mA per pin
A0-A7 can be used as D14-D21
PWM marked with ~ (except D16,17,19)
SPI: MOSI (D11), MISO (D12), SCK(D13)
I2C: SCL (A4), SDA (A5)

BATTERY CHARGING:
Close VUSB jumper on Nano
500 mA - cut and close jumper
100 mA - default

<http://aithub.com/1d-studio/boards/nanoupander>