

OKY2001

Product Name:Robotics CNC DIY Board ATMEGA328P-16AU UNO R3 ATmega328P CH340G + USB Cable for Arduino

Product Module: OKY2001

Quick Details:

Controller	ATmega328P-AU
USB to serial chip	CH340G
Input Voltage (recommended)	7-12V
Operating voltage	5V
Input Voltage (limits)	6-20V
DC Current per I/O Pin	40 mA
DC Current for 3.3V Pin	50 mA
Digital IO pins	14 (of which 6 provide PWM output)
Analog input pins	6
USB Port	type B USB
Clock Speed	16MHz
Pack Size	12cm*12cm*8cm

Function:

1. Stitching changes: beside the AREF sutural added two I2C pins (SDA and SCL, only Analog copy of 4 and 5, are not additional I2C interface), in addition, beside the RESET also added two pins, one is IOREF, can let the extension board to board, load voltage, the stitching is tell extension board currently on-board voltage is how many (such as UNO is 5 v, can is regarded as a copy of the power pins, does not provide a level), the other one is after treated with placeholder pins.

2. The RESET circuit is more stable. RESET button position is changed, and moved to near the USB interface of voids, it is more convenient.

3. ATmega16U2 instead of 8 u2, this does not mean that there are 16 k flash R3 can make your code run faster, the update service for the USB interface chip, it make UNO can simulate USB HID in theory, such as MIDI / Joystick / Keyboard.

Package Includes:

1 x UNO R3 ATmega328P CH340G board

1x Cable

