

## **Product Description**

### **Description:**

1. Controller: ATmega32u4
2. goods recorded: 16 MHz
3. Operating voltage: 5V
4. Input Voltage (recommended) :7-12V
5. Digital IO port: 22 (D0-D13, D14-MISO D15-SCK, D16-MOSI D18-23 [A0-A5])
6. PWM channel: 7 (D3, D5, D6, D9, D10, D11, D13)
7. analog input: 12 (A0-A5, D4-A6, D6-A7, D8-A8 , -A9 D9, D10-A10, D12-A11)
8. 5V digital / analog port maximum permissible current: 40 mA
9. 3.3V digital / analog port maximum permissible current: 50 mA
10. Flash Memory: 32 KB (ATmega32u4) of which 4 KB used by the bootloader
11. SRAM: 2.5 KB (ATmega32u4)
12. EEPROM: 1 KB (ATmega32u4)