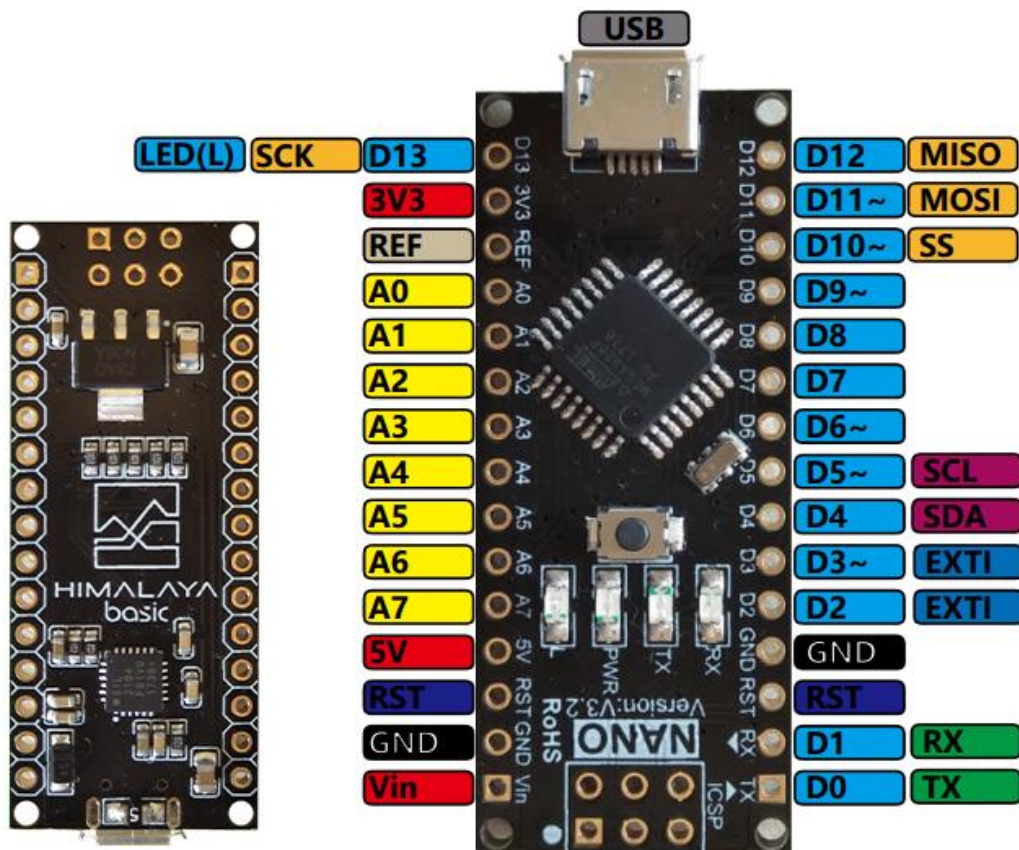




HIMALAYA
basic

Nano V3.2 Specification

Version: V3.2



Product Specification		Version	V3.2	
Product name	Nano_V3.2		Page	1-1
Technical Specification	Model	Nano_V3.2		
	Voltage Input Interface	1: USB-Micro 2: Vin(Pin)		
	Input Voltage	1: 5V (USB-Micro) 2: DC 5-12V(Vin pin)		
	Output Voltage	1: 5V(5V) output from LM1117-5 (max 1A@5V) or USB(max 500mA@4.8V) 2: 3V3(3.45V) output from CP2104(max 100mA)		
	Self-recovery Fuse	500mA@USB		
	Size	18 X 45(mm)		
	Weight	3g (7.6g including packaging)		
	USB	Micro-B		
	MCU	Atmega328P-AU		
	USB to Serial	CP2104		
	LDO	LM1117-5		
	Oscillator	16Mhz		
	Button	Reset Key on board		
	LED	1、RX; 2、TX; 3、Power; 4、L (connect to D13 pin);		
MCU	Operating Voltage	5V		
	Flash Memory	32 KB of which 2 KB used by boot-loader		
	SRAM	2Kbyte		
	Clock Speed	16Mhz		
	EEPROM	1Kbyte		
	DC Current per I/O Pins	40mA (I/O Pins)		
	Analog I/O Pins	8		
	Digital I/O Pins	22		
	PWM Output	6 (8-bit PWM, with analog Write function)		
	Power Consumption	19mA		
Date	2017/12/14			