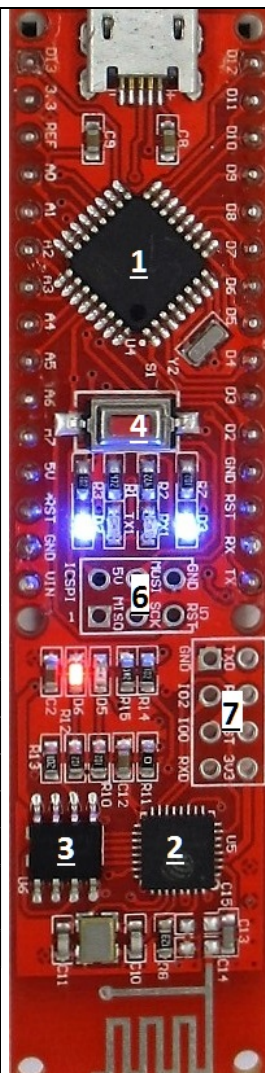


Pinout Pretzel Board (NanoESP)

Pin	Port	Special	PWM		PWM	Special	Port	Pin	
D13	PB5	L-LED	SCK			MISO	ESP-RXD	PB4	D12
3,3 V	(max 50 mA)				X	MOSI	ESP-TXD	PB3	D11
AREF					X	SS		PB2	D10
A0/D14	PC0				X			PB1	D9
A1/D15	PC1							PB0	D8
A2/D16	PC2							PD7	D7
A3/D17	PC3				X			PD6	D6
A4/D18	PC4		SDA		X			PD5	D5
A5/D19	PC5		SCL					PD4	D4
A6	(only analog in)				X	INT1		PD3	D3
A7	(only analog in)					INT0		PD2	D2
5 V									GND
Reset	PC6							PC6	Reset
GND									
Vin	(max + 7-12V)								
LEDs:									
D3: L-LED (connected to Pin D13)									
D2: Power LED (ATmega328)									
TX: TXD (ATmega328)									
RX: RXD(ATmega328)									
D6: Power LED (ESP8266)									
D5: TXD (ESP8266)									
Notes:									
- Max per Pin 40mA									
- Absolute max all Pins: 100mA									
- A6/A7: Only analog in									



Free to Use
Not recommended to use
Power Pins (+)
Power Pins (GND)
Special Pins
1) ATmega328p
2) Esp8266
3) SPI-Flash
4) Reset-Button
6) ISP ATmega328p
7) ESP8266 Connector