NANO PINOUT

| 19 | PB5 | PCINT5 | SCK |
| 18 | PB4 | PCINT4 | MISO |

| PCINT14 | RESET | PC6 | 1 |

GND
5V

| 17 | PB3 | OC2A | PCINT3 | MOSI |

1		PCINT17	TXD	PD1	31
0		PCINT16	RXD	PD0	30
		PCINT14	RESET	PC6	29
				GND	
2		PCINT18	INT0	PD2	32
3	OC2B	PCINT19	INT1	PD3	1
4	XCK	PCINT20	T0	PD4	2
5	OC0B	PCINT21	T1	PD5	9
6	OC0A	PCINT22	AIN0	PD6	10
7		PCINT23	AIN1	PD7	11
8	ICP1	PCINT0	CLK0	PB0	12
9		PCINT1	OC1A	PB1	13
10	SS	PCINT2	OC1B	PB2	14
11	MOSI	PCINT3	OC2	PB3	15
12	MISO	PCINT4		PB4	16

ICSP
1

RST GND RX0 TX1
RST GND VIN

GND TX RX PWR L 5V
RST
RESET BUTTON

D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 3V3 REF A0 A1 A2 A3 A4 A5 A6 A7

	VIN	
	GND	
29	PC6	RESET	PCINT14
	5V	
22	ADC7	
19	ADC6	
28	PC5	PCINT13	ADC5	SCL
27	PC4	PCINT12	ADC4	SDA
26	PC3	PCINT11	ADC3	
25	PC2	PCINT10	ADC2	
24	PC1	PCINT9	ADC1	
23	PC0	PCINT8	ADC0	
21	AREF	
	3V3	
17	PB5	PCINT5	SCK	

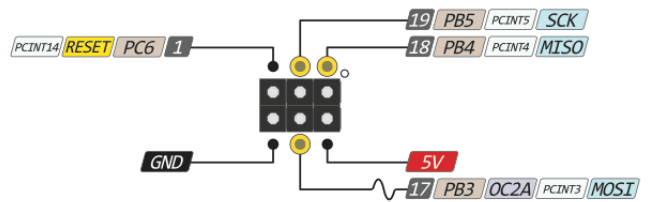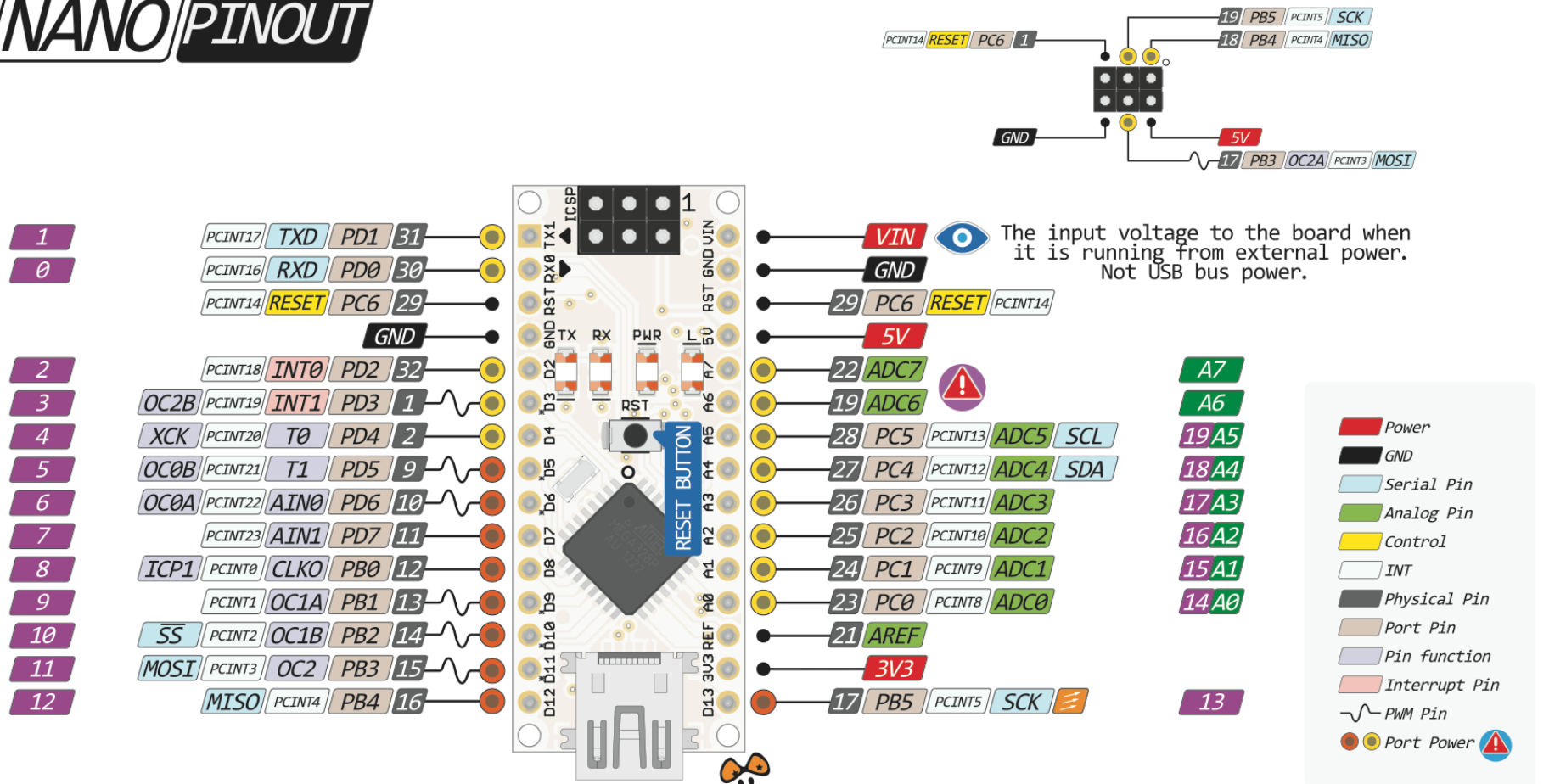| A7 |
| A6 |
19	A5
18	A4
17	A3
16	A2
15	A1
14	A0

| 13 |

The input voltage to the board when it is running from external power. Not USB bus power.

Legend
| Power |
| GND |
| Serial Pin |
| Analog Pin |
| Control |
| INT |
| Physical Pin |
| Port Pin |
| Pin function |
| Interrupt Pin |
| PWM Pin |
| Port Power |

The power sum for each pin's group should not exceed 100mA

Absolute MAX per pin 40mA recommended 20mA

Absolute MAX 200mA for entire package

USB JACK Mini Type B
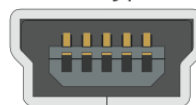
Analog exclusively Pins