ORANGE BOARD Nano

PINOUT DIAGRAM

Arduino NANO Compatible

Micro USB Jack

Reset Button

Left side				
SCK (SPI)	PCINT5	PB5	D13	16
+ 3.3V Output			3.3V	17
Analog Reference				
PCINT8	ADC0	PC0	A0	18
PCINT9	ADC1	PC1	A1	19
PCINT10	ADC2	PC2	A2	20
PCINT11	ADC3	PC3	A3	21
SDA (I2C)	PCINT12	ADC4	PC4	A4	22
SCL (I2C)	PCINT13	ADC5	PC5	A5	23
	ADC6	A6	24
	ADC7	A7	25
+ 5.0V Output			5V	26
PCINT14	PC6	RESET	3
GND	4
VIN	27

Ext Power Supply
Recommended : 7 -12 V
Limits : 6 -20 V

Board pin labels (left column, top to bottom): D13, 3.3V, AREF, A0, A1, A2, A3, A4, A5, A6, A7, 5V, RST, GND, VIN

Board pin labels (right column, top to bottom): D12, D11, D10, D9, D8, D7, D6, D5, D4, D3, D2, GND, RST, D0, D1

Right side					
15	D12	PB4		PCINT4	MISO (SPI)
14	D11	PB3	OC2A	PCINT3	PWM	MOSI (SPI)
13	D10	PB2	OC1B	PCINT2	PWM	SS (SPI)
12	D9	PB1	OC1A	PCINT1	PWM
11	D8	PB0	CLKO / ICP1	PCINT0
10	D7	PD7	AIN1	PCINT23
9	D6	PD6	AIN0 / OC0A	PCINT22	PWM
8	D5	PD5	T1 / OC0B	PCINT21	PWM
7	D4	PD4	T0 / XCK	PCINT20
6	D3	PD3	INT1 / OC2B	PCINT19	PWM
5	D2	PD2	INT0	PCINT18
4	GND
3	RESET	PC6		PCINT14
2	D0	PD0	RXD		RX (UART)
1	D1	PD1	TXD	PCINT17	TX (UART)

ISP

14	D11	PB3	OC2A	PCINT3	PWM	MOSI (SPI)
5V	26				
4	GND				
SCK (SPI)	PCINT5	PB5	D13	16
3	RESET
15	D12	PB4	PCINT4	MISO (SPI)