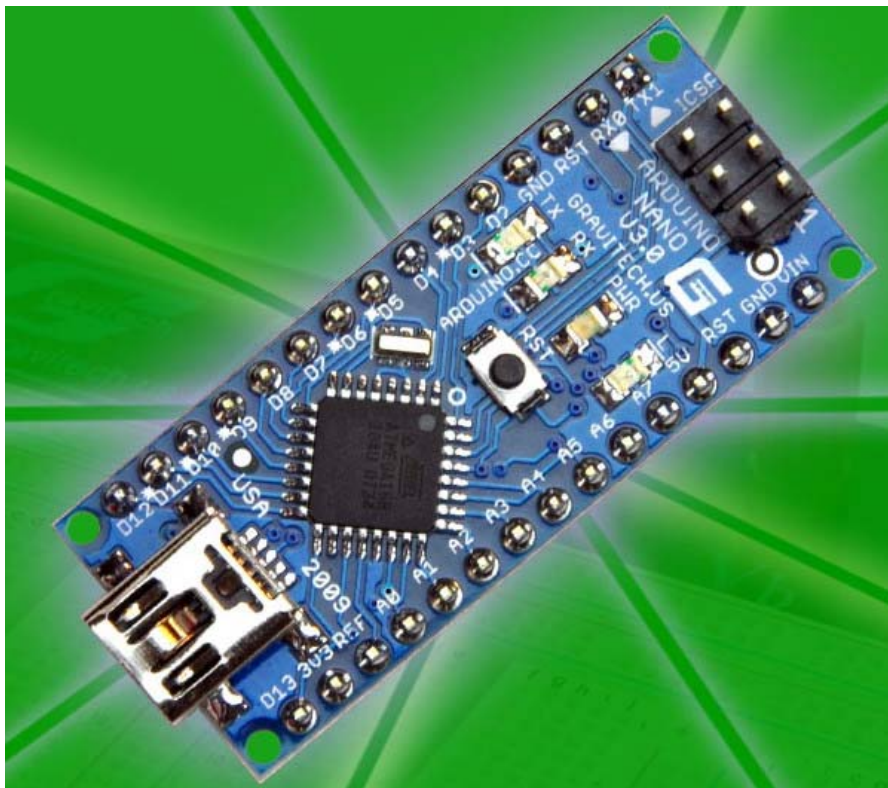


Arduino Nano (V3.0)

User Manual



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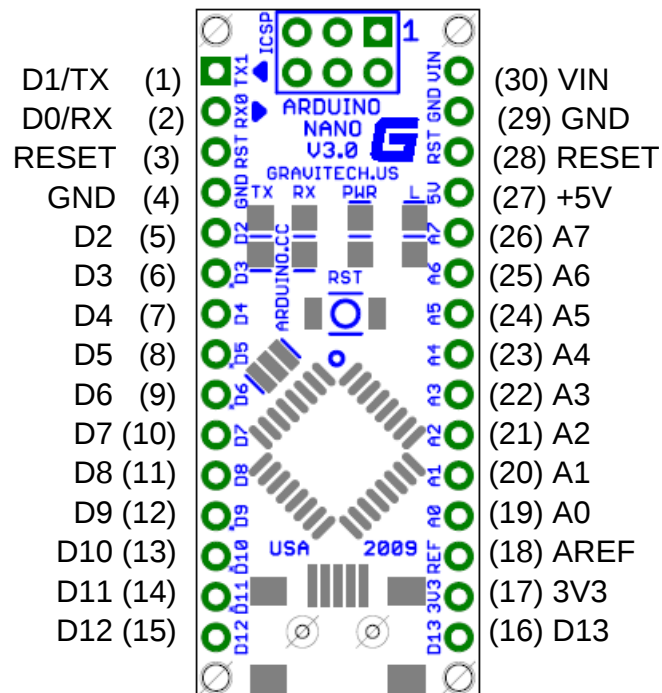
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More information:

www.arduino.cc

Rev 3.0

Arduino Nano Pin Layout



Pin No.	Name	Type	Description
1-2, 5-16	D0-D13	I/O	Digital input/output port 0 to 13
3, 28	RESET	Input	Reset (active low)
4, 29	GND	PWR	Supply ground
17	3V3	Output	+3.3V output (from FTDI)
18	AREF	Input	ADC reference
19-26	A0-A7	Input	Analog input channel 0 to 7
27	+5V	Output or Input	+5V output (from on-board regulator) or +5V (input from external power supply)
30	VIN	PWR	Supply voltage

Technical drawing of the Arduino Nano V3.0 PCB showing dimensions and component locations. The drawing includes the following dimensions and labels:

- Dimensions:**
 - Overall width: 0.70
 - Overall height: 1.70
 - Top mounting hole diameter: $\varnothing 0.07 (4)$
 - Top mounting hole spacing: 0.15
 - Top mounting hole diameter: 0.50
 - Bottom mounting hole diameter: 0.10
 - Bottom mounting hole spacing: 0.50
 - Bottom mounting hole diameter: 0.60
- Component Labels:**
 - ICSP
 - ARDUINO NANO V3.0
 - GRAVITECH.US
 - TX RX PWR L
 - ARDUINO.CC
 - RST
 - USA 2009
 - D13 3V3 REF
 - D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 GND RST RX0 TX1
 - D13 3V3 REF
 - D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 GND RST RX0 TX1
- Other Features:**
 - Blue square component (ICSP)
 - Blue circle component (RST)
 - Blue square component (L)
 - Blue square component (PWR)
 - Blue square component (TX)
 - Blue square component (RX)
 - Blue square component (D13 3V3 REF)
 - Blue square component (D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 GND RST RX0 TX1)