


Arduino Nano V 3.0 GRBL Pinout			Pin diagram for Grbl v0.8 and v0.9		
ATmega 328P					
Pinout Ref					Pinout Ref
D13	Spindle Direction	D13		D12	Spindle Enable
3V3	Not Used	3V3		D11	Limit Z-Axis
VREF	Not Used	VREF		D10	Limit Y-Axis
A0	Reset/ Abort	A0		D9	Limit X-Axis
A1	Feed Hold	A1		D8	Stepper Enable/Disable
A2	Cycle Start/ Resume	A2		D7	Direction Z Axis
A3	Coolant Enable	A3		D6	Direction Y Axis
A4	(Not Used/ Reserve)	A4		D5	Direction X Axis
A5	Probe	A5		D4	Step Pulse Z Axis
A6	Not Used	A6		D3	Step Pulse Y Axis
A7	Not Used	A7		D2	Step Pulse X Axis
		5V		GND	
		RST		RST	
		GND		RX1	
		VIN		TX1	

With the traditional layout: (NOTE: The probe A5 pin is only available in Grbl v0.9.)