



GND
(-D9) Limit X-Axis*
X-Axis Motor (B1)
X-Axis Motor (B2)
X-Axis Motor (A2)
X-Axis Motor (A1)

GND
(-D10) Limit Y-Axis*
Y-Axis Motor (B1)
Y-Axis Motor (B2)
Y-Axis Motor (A2)
Y-Axis Motor (A1)

12V/24V OUTPUT @400mA (thermally fused)
(A4) SDA (default active w/ I²C → jumper set)
(A5) SCL (default active w/ I²C → jumper set)
(D0) RX-I (active w/ serial select → high)
(D1) TX-O (active w/ serial select → high)

(A0) Reset/Abort*
(A1) Feed Hold*
(A2) Cycle Start/Resume*
Serial Select (active high)
GND

(A2) Cycle Start/Resume*
(A1) Feed Hold*
(A0) Reset/Abort*
ATX Power Supply On (active low)

GND
(D13) Spindle Direction
(D12) Limit Z-Axis
(A3) Coolant Enable

5V
12-24V (PSU INPUT) / **12V** (ATX OUTPUT)
GND

A-Axis Motor (A1)
A-Axis Motor (A2)
A-Axis Motor (B2)
A-Axis Motor (B1)

Z-Axis Motor (A1)
Z-Axis Motor (A2)
Z-Axis Motor (B2)
Z-Axis Motor (B1)

(-D11) Spindle Enable*
GND

xPro V1 GRBL V0.9 PIN CONFIGURATION

* - Indicates input pins (held HIGH with internal pull-up resistors)