



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

(~D11) Variable Spindle PWM

(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)

(~D12) Limit Z-Axis*

GND

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