A5/D19/SCL
A4/D18/SDA
AREF
GND
SCL/D13
MISO/D12
PWM2A/MOSI/D11
PWM1B/SS/D10
PWM1A/D9
D8
D7
PWM0A/D6
PWM0B/D5
D4
PWM2B/INT1/D3
INT0/D2
TX/D1
RX/D0

IOREF
RESET
3.3V
5V
GND
GND
VIN

ARDUINO UNO

A0/D14
A1/D15
A2/D16
A3/D17
A4/D18/SDA
A5/D19/SCL

IN1
IN2
IN3
IN4

ULN2003 DRIVER BOARD

MOTOR
MOTOR
MOTOR
MOTOR
MOTOR

−  +

28BYJ-48 STEPPER MOTOR

POWER SUPPLY
5V
+
−

NOTE 1: Any of the Arduino's IO pins can be used.

NOTE 2: While it may be possible to power the motor driver board with 5V from the Arduino,
It is not recommended.

| | S. Reifel & Co | |
|---|---|---|
| | 28BYJ-48 Stepper Motor Hookup Guide | |
| S. Reifel | Rev 1.0 | Page 1 of 1 |
| | 6/29/2018 | |