

# ARDUINO INTERFACE

The diagram illustrates the pin connections for an Arduino interface, organized into four main sections:

- Arduino\_Power and Arduino\_Digital\_L2:** This section shows the power and digital pin connections for the first two components (J2 and J3).
  - J2:** Arduino\_Power pins 1 (Reset), 2 (3.3V), 3 (5V), 4 (GND), 5 (GND), and 6 (Vin) are connected to component pins 1 through 6.
  - J3:** Arduino\_Power pins 1 (Reset), 2 (3.3V), 3 (5V), 4 (GND), 5 (GND), and 6 (Vin) are connected to component pins 1 through 6.
  - J4:** Arduino\_Digital\_L2 pins 1 through 8 are connected to component pins 1 through 8.
  - J5:** Arduino\_Digital\_L2 pins 1 through 8 are connected to component pins 1 through 8.
- Arduino\_Analog and Arduino\_Digital\_L1:** This section shows the analog and digital pin connections for the next two components (J7 and J8).
  - J7:** Arduino\_Analog pins 1 through 6 are connected to component pins 1 through 6. Additionally, Arduino\_Analog pin 6 is connected to the SDA pin of the component.
  - J8:** Arduino\_Analog pins 1 through 6 are connected to component pins 1 through 6. Additionally, Arduino\_Analog pin 6 is connected to the SCL pin of the component.
  - J9:** Arduino\_Digital\_L1 pins 1 through 8 are connected to component pins 1 through 8.
  - J10:** Arduino\_Digital\_L1 pins 1 through 8 are connected to component pins 1 through 8.



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