

Grove I2C
Those long term readers of this blog know that our favourite devices are I2C sensors.
There are many types of I2C Grove sensors available.
Most are 5V/3.3V devices, but there are a few that are only 3.3V or 5.0V.
You need to check the specifications.

Grove UART
The Grove UART module is a specialized version of a Grove Digital Module.
It uses both Pin 1 and Pin 2 for the serial input and transmit.
The Grove UART plug is labeled from the base unit point of view.
In other words, Pin 1 is the RX line (which the base unit uses to receive data, so it is an input)
where Pin 2 is the TX line (which the base unit uses to transmit data to the Grove module).

Grove Analog
An Grove Analog connector consists of the standard four lines coming into the Grove plug.
The two signal lines are generically called A0 and A1.
Most modules only use A0.
Often base units will have the first connector called A0 and the second called A1 and they will be wired A0/A1 and then A1/A2, etc.

Grove Digital
A digital Grove connector consists of the standard four lines coming into the Grove plug.
The two signal lines are generically called D0 and D1.
Most modules only use D0, but some do (like the LED Bar Grove display) use both.
Often base units will have the first connector called D0 and the second called D1 and they will be wired D0/D1 and then D1/D2, etc.

