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Diagram illustrating the wiring of an I2C module to an Arduino Uno. The module's pins are numbered 1 through 6. The wiring is as follows:

- Pin 1 (blue) connects to SDA.
- Pin 2 (blue) connects to GND.
- Pin 3 (red) connects to VIN.
- Pin 4 (yellow) connects to GND.
- Pin 5 (yellow) connects to IOREF.
- Pin 6 (yellow) connects to RESET.

The module also has pins 7, 8, 9, 10, 11, and 12, which are not connected.

Diagram illustrating the I2C interface connections. The I2C module pins are connected to the header pins as follows:

Module Pin	Header Pin	Function
6	5	IOREF
4	3	VIN
2	1	SCL
6	6	RESET
4	4	GND
2	2	SDA

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A2 A2 A2 A2 A2 A2
A1 A1 A1 A1 A1 A1
A0 A0 A0 A0 A0 A0