

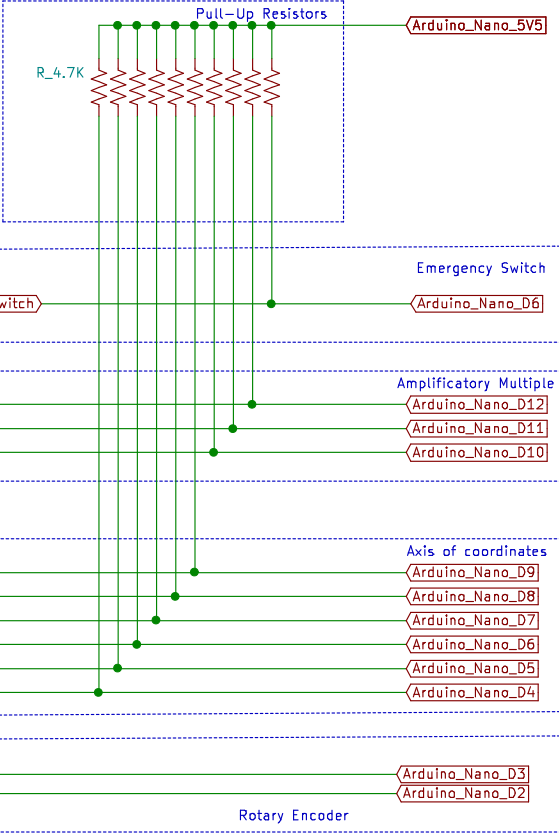
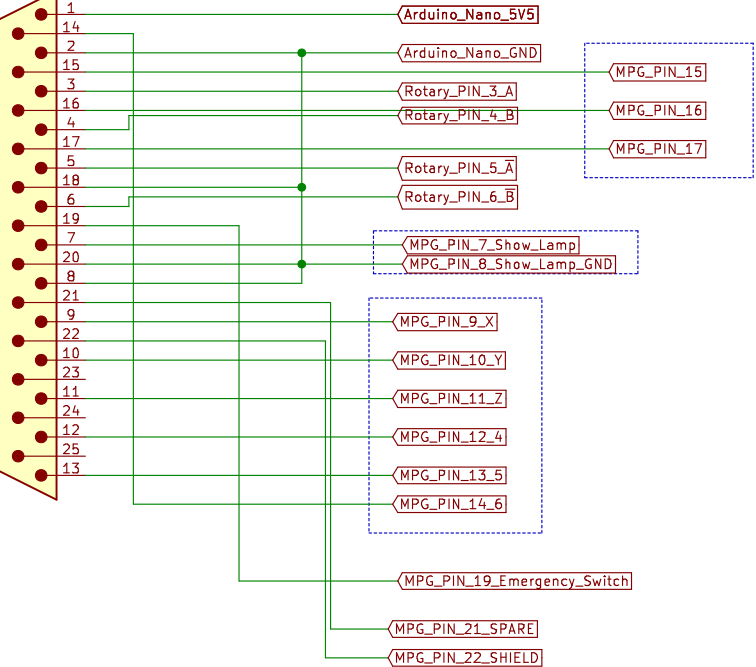
Common Recommendations:

4.7kΩ to 10kΩ: Common for I²C, SPI, or general-purpose logic circuits.
1kΩ to 2.2kΩ: Use when faster switching is needed or for higher noise immunity.
Avoid extremely low values (<1kΩ) unless absolutely necessary due to high current consumption.

Key Factors for Choosing a Pull-Up Resistor:
Speed of the Signal (Rise Time):

Lower resistor values (e.g., 1kΩ) provide faster rise times but draw more current.
Higher resistor values (e.g., 4.7kΩ or 10kΩ) conserve power but result in slower rise times.

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DB25_Male



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Title: MPG Connection Table

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