

# 34116-MS

## Stepper Motor Driver/Controller with IR Remote

Step Motor driver/controller with IR remote control, for 2 phase, 4 wire NEMA 14, 17 and small Can Stack motors.

Can be used to control higher power Drivers.

Power: 5VDC ~300mA

IR Remote and/or Onboard switches control Speed & Direction

9 Level speed control.

LED Display for speed level.

Forward & Reverse Buttons

Press once, Motor Runs Press Again Motor Stops.

Recommend a 3-5V 4 wire Stepper

Will drive higher power motors depending on torque Load.

7in Pigtail Leads

Board:

L: 2-1/16" W: 1-3/8" H: 5/8" WT: .06

Remote:

L: 3-3/8" W: 1-1/2" T: 1/4"

### NOTE:

1: Does NOT Retain Settings when Power Removed

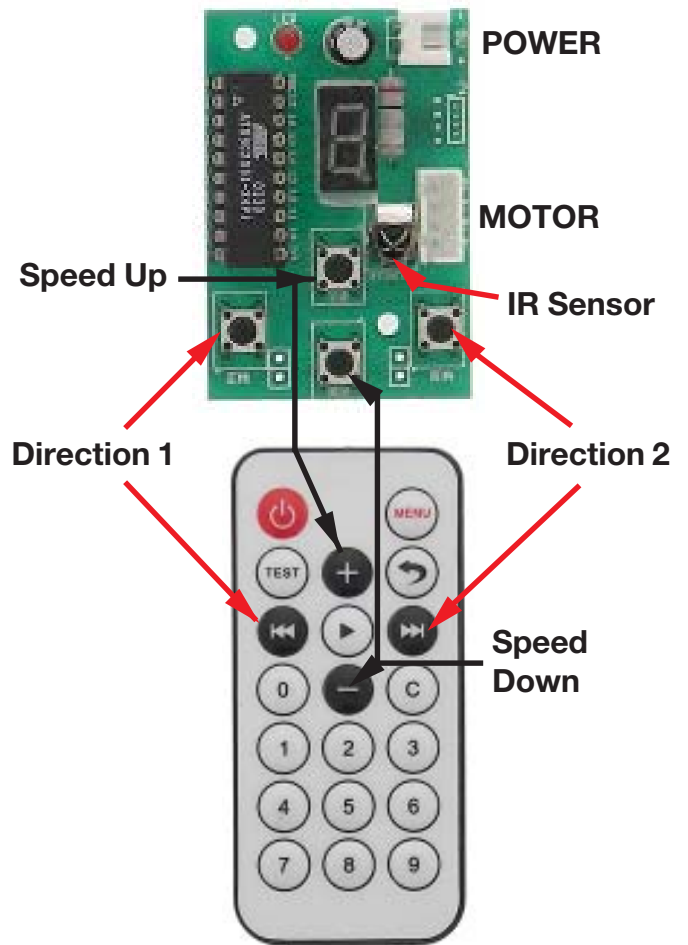
Default: Speed Level "5" Motor "OFF"

2: Motor Control is better using the Remote

3: On the Remote, Only the 4 Buttons are Functional

4: Forward & Reverse are Subjective:

Rotation depends on Motor Connections



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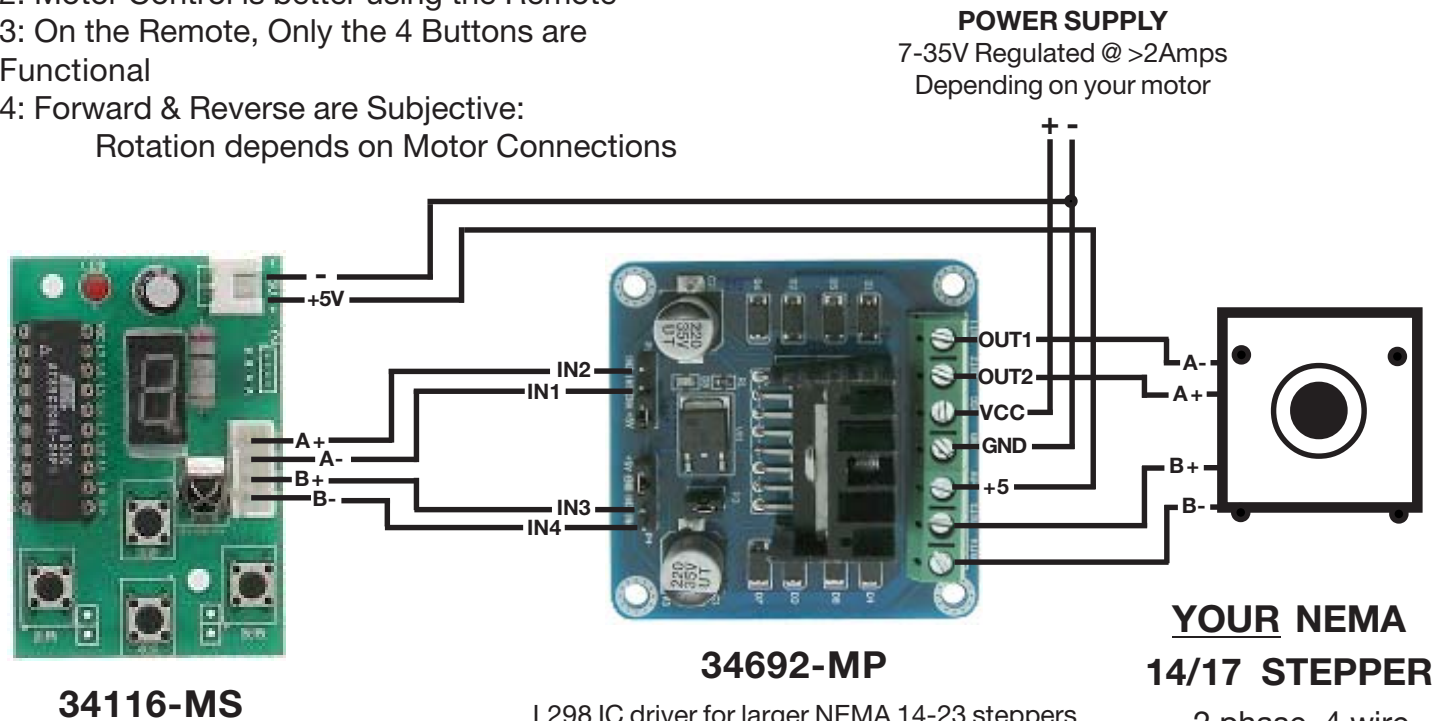
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### APPLICATION NOTE

**DOES NOT INCLUDE MOTOR OR 34692-MP DRIVER**

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L298 IC driver for larger NEMA 14-23 steppers.  
Drive Type: Dual "H" Bridge  
Logic Power: 5VDC  
Driver Power: 5-35VDC  
Input Signal: TTL logic  
Max Current: 2A/Phase (Max total power: 25W)  
Onboard 5V regulator supply Logic power when  
Driver Power input is between 7-35V

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