

# 35567-MP

## Dual Half-Bridge Motor Driver

Dual Half-Bridge Driver board for microcontrollers.

Drives 2 DC motors. Uses PWM driven IRF3205 MOSFET transistors for low switching losses.

Logic Power: 5VDC

Motor Power: 5-35VDC

Output: 10A Max (Above need Heatsinks for transistors)

**NOTE:** Transistors must be Electrically Isolated from Heatsink

PWM Input: Logic levels from microcontroller 0-99% duty cycle

Motor Forward: DIR = logic "1" PWM = Waveform 0-99% Duty

Motor Reverse: DIR = logic "0" PWM = Waveform 0-99% Duty

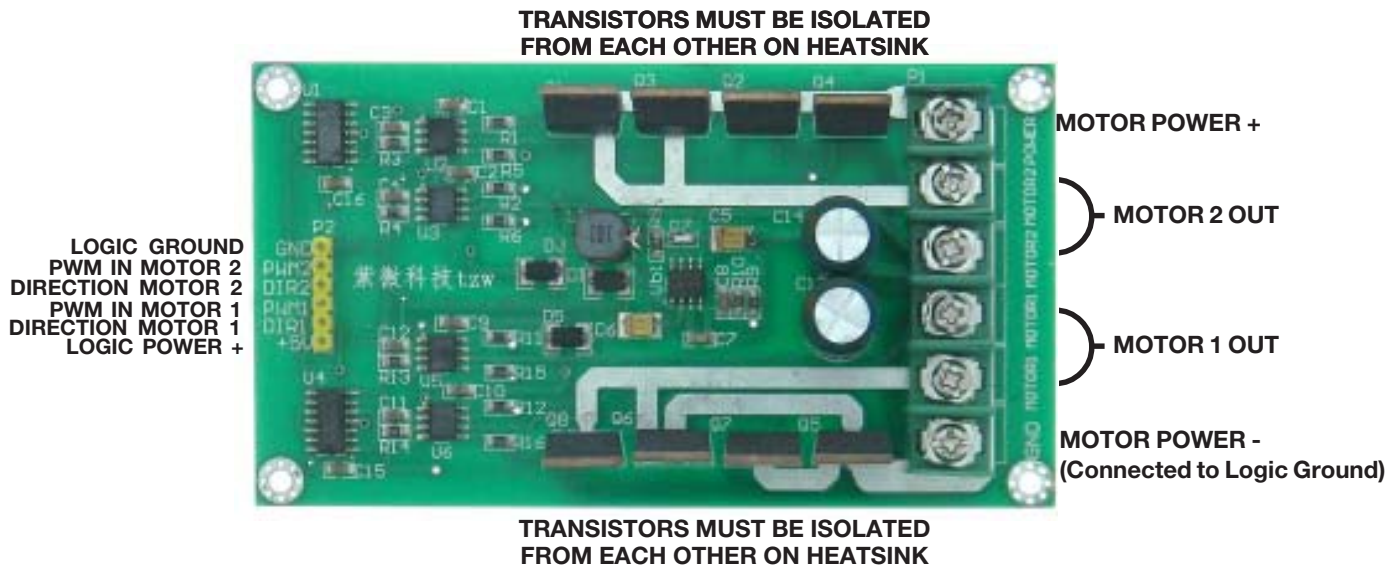
Breaking: DIR = X PWM = logic "0" (X is an arbitrary state)

NOTE: Cannot operate at 100% Requires either a "0" or a waveform

Connections: 6 Pin Header, 0.1" Pitch for Logic Input & Power

Terminal Strip for Motor Outputs & Power

**L:** 4-1/4" **W:** 2-3/8" **H:** 1-1/8" **WT:** .13



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