

# 38196-MD

## DC 8-24V Brushless Motor PWM speed Control

### NOTE:

**PWM DC Motor Speed Controller Board  
Requires External Motor power drivers,  
Reversing & Start/Stop Circuits/Components**

Small control board for incorporation in DC  
Brushless motor systems.

**Input:** 8-24V DC

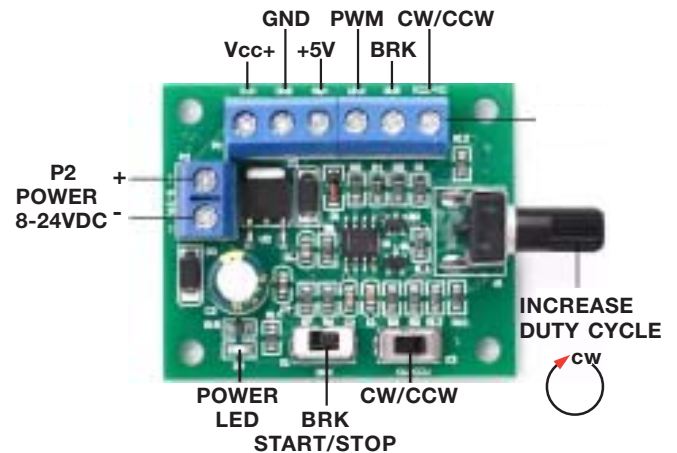
**Output:** PWM Waveform 5V,

**Frequency:** ~18KHZ,

**Duty Cycle:** 0%-100%

Start-Stop and forward and reverse switches,  
Power indicator LED

**L:** 1-15/16" Board **W:** 1-5/8" **H:** 5/8" **WT:** .04



### TERMINALS

**P2+ = Vin 8-24VDC**

**P2- = GND**

**Vcc = Vin + (8-24V)**

**GND = Vin -**

**+5V = Supplied by Board for External Circuits**

**PWM = 0-100% Duty Cycle (0 off/5V on)**

### CW/CCW Switch:

Left (CW) Position: Output is Ground

Right (CCW) Position: Output is +5V

### Start/Stop (BRK) Switch:

Left Position Output is +5V:

Right Position: Output is GND

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