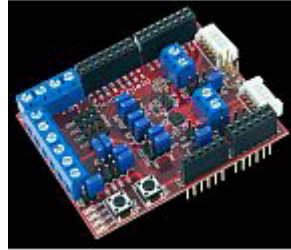


## Part Number TDGL020 - chipKIT Motor Shield



The chipKIT™ Motor Shield is an expansion board for use with the chipKIT Uno32 (TDGL002) and chipKIT uC32 (TDGL017). It provides additional circuitry and connectors for the Uno32 and uC32 to drive various motor types.

The chipKIT Motor Shield is designed to drive DC motors, servo motors, and stepper motors. It also provides additional I/O via an I2C I/O extender. Features include:

- 2 DC motor driver channels, accessible with either a JST 6-pin connector or a terminal block
- 2 DC motor encoder input signals for each DC motor channel
- 4 servo motor channels
- I2C General purpose I/O expander with 4 LEDs 2 push buttons and 2 user settable jumpers
- 1 4-wire unipolar stepper motor channel
- Standard chipKIT Shield connectors