



Part Number : DM330015

Motor Control Starter Kit with mTouch Sensing



The motor control Starter Kit with mTouch Sensing is a complete hardware and software tool suite for evaluating Microchips ultra-low cost Motor Control Family dsPIC DSCs. It contains a single board with BLDC motor, capacitive-touch sliders and a built-in debugger. Package contents include:

- Infosheet
- User guide
- 9V power supply

Features:

- dsPIC33FJ16MC102 - Very Low cost 16-bit Motor Control DSC
- On-board In-Circuit Programming / Debug via USB
- On Board 3-phase BLDC Motor
- 15v, 2.6A On Board Drive Circuit with pads for user supplied motor
- Capacitive Touch Slider for Speed Control with LED indicators
- Compact Design – 2" x 5" Board
- Powered via 9V power supply

- Sensorless BEMF Majority Detect Control (source code included – AN1160)