



[myMicrochip Login](#) | [English](#) | [Chinese](#) | [Japanese](#)

Search



- [Home](#)
- [Products](#)
- [Design](#)
- [Support](#)
- [Applications](#)
- [Buy/Sample](#)
- [Corporate](#)
- [What's New](#)

[Home](#) ▶ [Products Home Page](#) ▶ [Development Tools Main Page](#) ▶

Other Links

- [Buy/Sample Options DM330015](#)
- [Contact Microchip](#)
- [Development Tool Selector](#)
- [Microchip Advanced Parts Selector \(MAPS\)](#)

Motor Control Starter Kit with mTouch Sensing [Buy it Now](#)

Part Number: DM330015



Motor Control Starter Kit with mTouch™ Sensing (Part # DM330015)

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

The starter kit is priced at \$89.99

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)

Downloads

Title	Date Published	Size	D/L
Low-cost Motor Control and Sensor Designs with PIC MCUs and dsPIC DSCs	9/26/2011 11:27:23 AM	125 KB	
Motor Control Starter Kit with mTouch Demo Code	6/29/2011 1:44:31 PM	6171 KB	
Motor Control Starter Kit with mTouch Information Sheet	6/22/2011 7:43:13 PM	88 KB	
Motor Control Starter Kit with mTouch User Guide	6/27/2011 11:16:56 AM	711 KB	