

Package Contents

This PICtail Plus Motor Control Daughter Card interfaces with Explorer 16 (DM240001) and the HV/LV Power Module (DM300021 and DM300022). It has a variety of test points that will make debugging of your application easier. It also has hardware support for sensor and sensor-less applications such as Hall sensors, optical encoder, back EMF and current sensing. This uses dsPIC33F device family for the MC development as opposed to the DM300020 that targets dsPIC30F for the MC application development. This board comes with a Motor Control 100-pin Plug In Module to be used on the Explorer 16 board.

Features

- Connector to Explorer 16
- Connector to HV/LV Power Module
- Motion sensor inputs: Hall Sensors or Optical Encoder
- Test points for motor currents, PWM and voltages