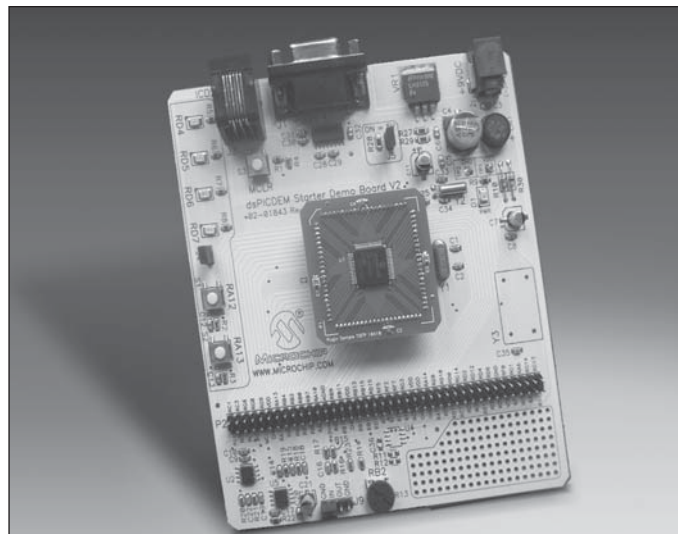# dsPICDEM™
80-pin Starter Development Board

Summary

This development board offers an economical way to evaluate both the PIC24 and dsPIC® Digital Signal Controller (DSC) General Purpose and Motor Control families. This board is an ideal prototyping tool to help you quickly develop and validate key design requirements.

Features

Key features of the dsPICDEM 80-pin Starter Development Board include:

- An 80-pin dsPIC30F6014A plug-in module (MA300014)
- A 100- to 80-pin adapter dsPIC33F plug-in module (MA330012) (uses 3.3V V_{DD} solution)
- Power input from 9V supply
- Selectable voltage regulator outputs of 5V and 3.3V
- LEDs, switches, potentiometer, UART interface
- A/D input filter circuit for speech band signal input
- On-board DAC and filter for speech band signal output
- Circuit prototyping area
- Assembly language demonstration program and tutorial
- Can accommodate 80-pin dsPIC30F6010A plug-in module (MA300015) — sold separately
- Can accommodate 100 to 80-pin adapter PIC24H plug-in module (MA33001X) — sold separately (uses 3.3V V_{DD} solution)

Package Contents

- dsPICDEM 80-pin Starter Development Board
- dsPIC30F6014A plug-in module
- dsPIC33FJ256GP710 plug-in-module
- Documentation on CD

Minimum Requirements

- MPLAB® IDE v7.40 or later
- MPLAB ICD 2
- MPLAB C30 v2.02 or later
- dsPICDEM 80-pin Development Board (DM300019)

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