

# dsPICDEM™

## 80-pin Starter Development Board

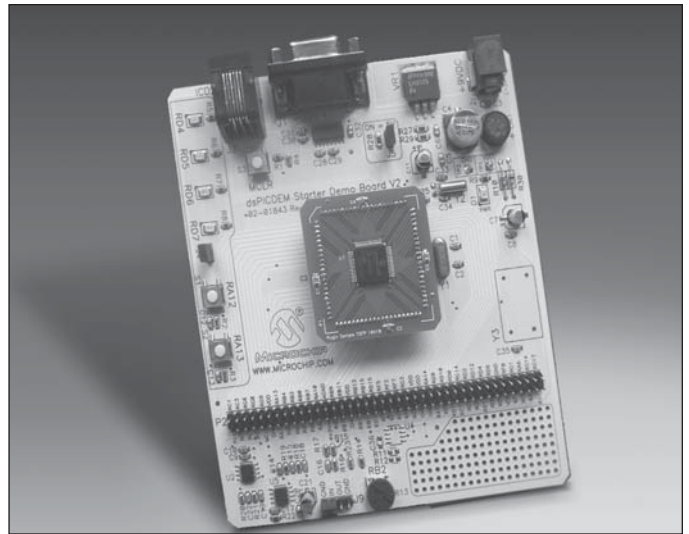
### Summary

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<sub>DD</sub> 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<sub>DD</sub> 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)