

# Dual Motor Control Plug-in-Module [Buy Now](#)

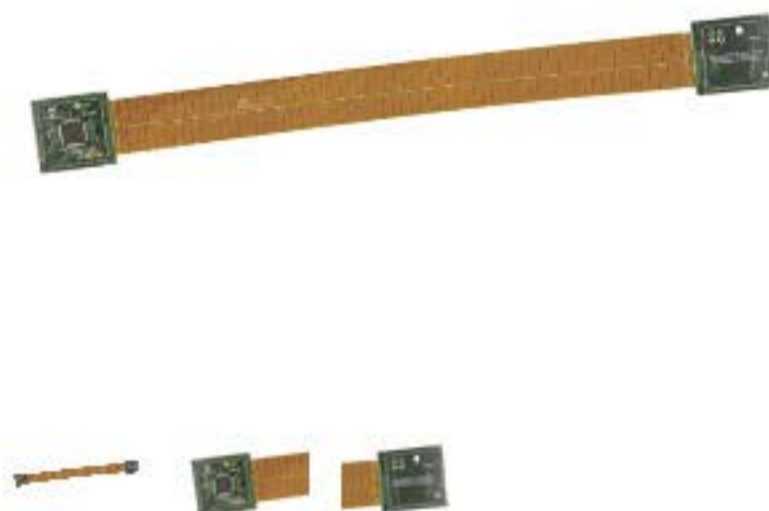


Part Number: MA330027

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The dsPIC33EP512MU810 Dual Motor Control Plug-In Module (PIM) is designed to facilitate the development of Motor Control applications using two motors and one Digital Signal Controller (DSC). Two Microchip dsPICDEM™ motor control development boards can be used with this PIM to control 3-phase BLDC, PMSM, ACIM or 2-phase stepper motors. A flexible cable connects the two boards together and routes all signals to the appropriate pins on the DSC. The configuration of the cable and signals was carefully chosen to support a wide range of dual motor configuration application notes written for the dsPICDEM™ MCLV, MCHV, and MCSM Development Boards.

Note: For the use of this PIM with the MCHV Development Board (DM330023), Rev 4 or earlier version of the Development board must be upgraded to support the dsPIC33E Family of Devices. Please contact your Microchip Applications Engineer to obtain this free upgrade.


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Documents	Last Updated	Size	
Dual Motor Control Plug-In Module (PIM) Information Sheet	4/25/2014 4:37:45 PM	236KB	
Dual Motor Control Plug-In Module (PIM) Source Code	8/9/2011 9:11:51 AM	1MB	
Technical Notice ETN 33	6/30/2011 5:37:13 PM	270KB	