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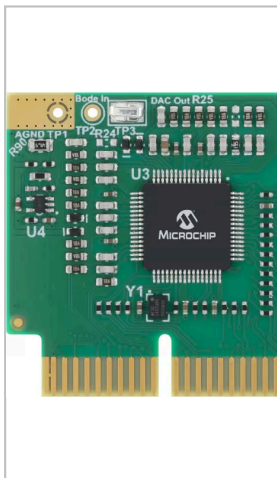
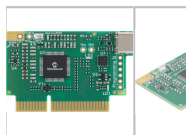
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[Overview](#)[Related Tools](#)[Documentation](#)**Part Number: EV67K87A**

dsPIC33AK128MC106 Digital Power Plug-In Module (PIM) ☆

[Download Primary User Guide](#)

- dsPIC33AK128MC106 32-Bit Digital Signal Controller (64-pin TQFP package)
- ICSP™ programming header
- On-board LDO with Power Good (PG) function
- MCP2221A USB to UART/I2C serial converter
- USB Type C connector
- Board edge connection interface for analog inputs/outputs, PWM outputs and GPIO ports.
- Analog input with op amp buffer via test point loop connector; can be used for Bode plot measurements

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- Provides support for the entire dsPIC33AK128MC106 DSC family

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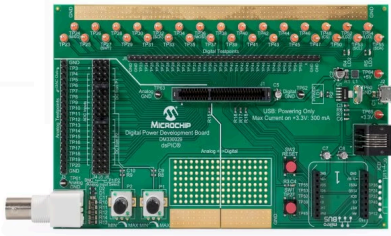
Overview

The dsPIC33AK128MC106 Digital Power Plug-In Module (DP PIM) is a demonstration board that in conjunction with different power boards showcases the Microchip dsPIC33AK128MC106 Digital Signal Controller (DSC) features. It directly plugs-in to the Digital Power Development Board (**DM330029**) and the Low Power FPC Development Kit (**DV330101**).

The DP PIM provides access to the dsPIC33AK128MC106 analog inputs, the Digital-to-Analog Converter (DAC) output, the Pulse-Width Modulator (PWM) outputs and the General-Purpose Input and Output (GPIO) ports.

Related Tools

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Digital Power Development Board
(Part # DM330029)

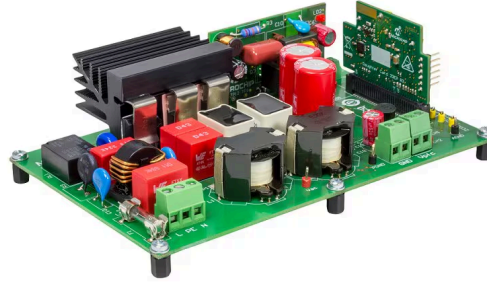


DIGITAL POWER DEVELOPMENT BOARD

The Digital Power Development Board is a demonstration board that provides the user a flexible measurement platform for all compatible Microchip dsPIC33's Digital Power Plug-In Modules (DP PIMs).

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LOW VOLTAGE PFC DEVELOPMENT KIT

Low Voltage Power Factor Correction (LVPFC) Development Kit offers safe voltage levels at moderate power while designing algorithms on a boost power factor correction topology. These algorithms can be

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All Application Notes

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dsPIC33AK128MC106 Digital Power PIM User's Guide [Download](#)



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