

# dsPIC33CH512MP506 Digital Power PIM



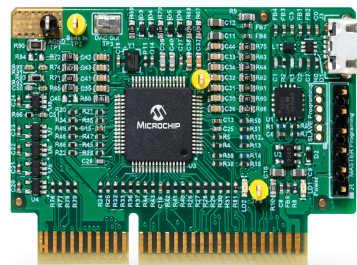
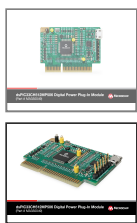
Part Number: MA330049


## Summary:

The dsPIC33CH512MP506 Digital Power Plug-In Module (DP PIM) is a demonstration board that, in conjunction with different power boards, showcases the Microchip dsPIC33CH512MP506 16-Bit Digital Signal Controller (DSC) features.

The DP PIM provides access to the dsPIC33CH512MP506 analog inputs, the Digital-to-Analog Converter (DAC) output, the Pulse-Width Modulation (PWM) outputs and the

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**dsPIC33CH512MP506 Digital Power Plug-In Module**  MICROCHIP  
(Part # MA330049)

## Product Features

- Microchip dsPIC33CH512MP506 16-Bit Digital Signal Controller
- ICSP™ programming header for Master core
- Both cores can be programmed and debugged through one ICSP interface
- On-board LDO with Power Good (PG) function
- Micro USB connector
- MCP2221A USB to UART/I2C serial converter
- Board edge connection interface for analog inputs/outputs, PWM outputs and GPIO ports
- Test point loop for DAC output

