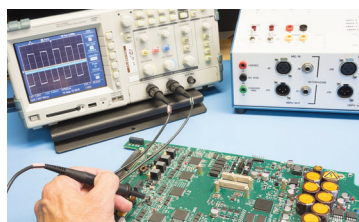




High-Precision DACs Consistently Hit the Mark

One Least Significant Bit Could Have the Most Significant Impact

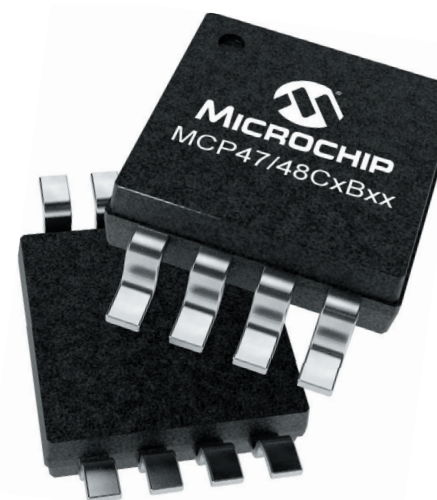


Precisely controlling your system's reaction to change is becoming more common in almost every application. Microchip is committed to providing you with the tools that you need to hit this moving target. Our portfolio of precision Digital-to-Analog Converters (DACs) allows you the flexibility of adjusting your level of precision, power consumption and type of integrated memory to meet your exact design requirements.

Our selection of general-purpose DACs has expanded to include the MCP47/48CxBxx family of devices that allow for high-integral, nonlinear accuracy. These devices, which can reach up to 1 Least Significant Bit (LSB) of error, are available in a range of output voltage resolution options that designers work with on a regular basis, allowing you to find the ideal level of precision within a familiar environment.

Key Features

- New DAC products provide more accurate performance with linearity with 1 LSB INL
- Volatile or MTP memory that can write up to 32 locations per register
- Wide range of resolution from 8- to 12-bit



Hit Your Accuracy Target
microchip.com/PrecisionControlDACs

