



## MCP4725 DAC module 12 Bit with I2C interface

Buffered single-channel digital-analog-converter with non-volatile memory (EEPROM) and 2.7-5.5V supply voltage.

SKU: 26365

## Description

MCP4725 DAC module is a 12-bit buffered DAC with a non-volatile memory (EEPROM). The device uses a two-wire I2C compatible serial interface and operates on a supply voltage of 2.7V to 5.5V.

Description:

As soon you want to output analog values from a microcontroller, most ICs like the Arduino series are very limited and do not offer real D/A conversion outputs (only PWM digital outputs). The MCP4725 is the DAC that will add a real analog output to your microcontroller. This board breaks out each pin you will need to access and use the MCP4725 DAC module. Pull-up resistors for the I2C bus can be assembled on the board if necessary.

Features:

- 12-bit resolution
- I2C Interface (Standard, Fast, and High-Speed supported)
- Small package
- 2.7V to 5.5V supply
- Internal EEPROM to store settings