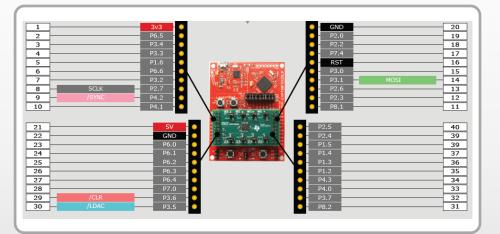
BOOST-DAC8568 BoosterPack



More information about Precision Analog DACs is found at http://www.ti.com/precisiondac

Getting Started Guide: BOOST-DAC8568





The DAC8568 Low Power, voltage output 16-bit digital-to-analog converter (DAC) BoosterPack is ideal for evaluating and starting development with the DAC8568 precision DAC. The DAC8568 BoosterPack is compatible with the TI LaunchPad™ ecosystem. Demonstration software for the BoosterPack is available for the MSP430F5529 microcontroller LaunchPad. The BoosterPack can also be used with other host processors via the SPI interface pins on the top of the board, which is shown in the schematic section of this getting started guide.

BOOST-DAC8568 Features:

DAC8568 (16-bit) 8-channel Precision digital-to-analog converter (DAC)

- 2.5-V Internal Reference
- Ultra Low Power Operation
- On-chip output buffer amplifier with rail-to-rail operation
- On Board features:
 - Header connection for DAC[A-H] outputs
 - Optional analog output LED indicator





More information about the BoosterPack can be found at http://www.ti.com/DAC8568BoosterPack demonstration software is compatible with the MSP430F5529 MCU LaunchPad. The LaunchPad may be ordered from http://www.ti.com/tool/msp-exp430f5529

Getting Started Guide:

BOOST-DAC8568





Download the DAC8568 BoosterPack software & load it into CCS Cloud

A) Go to the DAC8568 BoosterPack webpage and download

the .ino file from the software section: http://www.ti.com/DAC8568BoosterPack

B) Save this file to the PC

C) Go to dev.ti.com using either Chrome or Firefox browsers

D) Click on the CCS Cloud Logo to launch Code Composer Studio Cloud

E) Go to File>Import Energia Sketch file and select the file vou downloaded and saved

NOTE: A myTl account is required to use CCS Cloud



Run the software

Load and run the Energia Sketch demo software by clicking the green 'Run' button.

• The BOOST-DAC8568 blink.ino will slowly blink the LEDs biased by the DAC outputs.

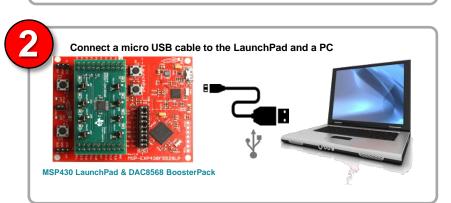
More Information >

• The BOOST-DAC8568 interactive.ino will interactively teach the user DAC fundamentals.





Technical support for TI Precision DACs is found at Community http://www.ti.com/precisiondacsupport



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