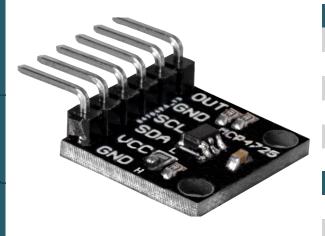


DIGITAL-ANALOG CONVERTER

1-Channel DAC



MAIN FEATURES	
Model	MCP4725
Special feature	Integrated EEPROM (14 bit)
Dimensions	16 x 21 x 8 mm
Weight	2 g
Items delivered	DAC module

With this digital to analog converter, you can generate an analog voltage using a digital I2C signal. The I2C address can be changed from 0x60 to 0x61 by changing a solder bridge.

The DAC has an integrated EEPROM memory, which makes it possible to output the desired voltage directly at startup.

FURTHER SPECIFICATIONS	
Supply voltage Vcc	2.7 V to 5.5 V
Logic level	Vcc
Output voltage	$V_{out} = \frac{(V_{cc} \times D_n)}{4096}$ $D_n = 12 \text{ bit input code}$
Max. output current	25 mA
Resolution	12 bit
Interface	I2C
I2C Address	0x60 can be changed to 0x61 with solder bridge

FURTHER DETAILS	
Article No.	COM-DAC01
EAN	4250236822877
Customs Tariff No.	8473302000