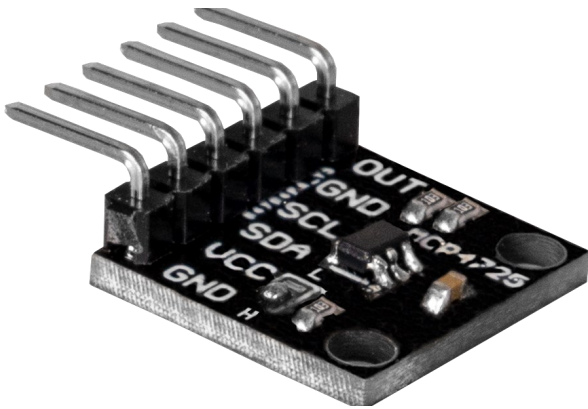


DIGITAL-ANALOG CONVERTER

1-Channel DAC



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.

MAIN FEATURES

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

FURTHER SPECIFICATIONS

Supply voltage V_{CC}	2.7 V to 5.5 V
Logic level	V_{CC}
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