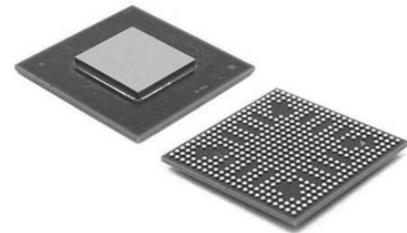


Laser Diode Driver, Laser Diode, 4.5V to 5.5V, LFCSP-24

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP-24
Product Type	Laser Driver
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADN8810ACPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADN8810 is a 12-bit current source with an adjustable full-scale output current of up to 300 mA. The full-scale output current is set with two external sense resistors. The output compliance voltage is 2.5 V, even at output currents up to 300 mA.

The device is particularly suited for tunable laser control and can drive tunable laser front mirror, back mirror, phase, gain, and amplification sections. A host CPU or microcontroller controls the operation of the ADN8810 over a 3-wire SPI interface. The 3-bit address allows up to eight devices to be independently controlled while attached to the same SPI bus.

The ADN8810 is guaranteed with ± 4 LSB INL and ± 0.75 LSB DNL. Noise and digital feedthrough are kept low to ensure low jitter operation for laser diode applications.

Features

High precision 12-bit current source

Low noise

Long term stability

Current output from 0 mA to 300 mA

Output fault indication

Low drift

Programmable maximum current

24-lead 4 mm × 4 mm lead frame chip scale package

3-wire serial interface

Application

Tunable laser current source

Programmable high output current source

Automatic test equipment

Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



[ADP3367ARZ](#)

Analog Devices, Inc
SOIC-8



[ADP3330ARTZ3.3-RL7](#)

Analog Devices, Inc
SOT-23-6



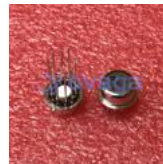
[ADR421ARZ](#)

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SOP-8



[AD737JRZ](#)

Analog Devices, Inc
SOP-8



[AD636JH](#)

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[ADR3412ARJZ-R7](#)

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