

LC2MOS HIGH-SPEED μ P-COMPATIBLE 8-BIT ADC WITH TRACK/HOLD FUNCTION

Manufacturers	Analog Devices, Inc
Package/Case	SOP-20
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7820LR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD7820LR is a 8-bit successive-approximation analog-to-digital converter (ADC) manufactured by Analog Devices Inc. It is a low-power device that operates from a single 5 V supply and has a maximum sampling rate of 100 kSPS (thousand samples per second). The device also includes an internal reference voltage and a serial interface for communicating with microprocessors or microcontrollers.

Features

- 8-bit resolution
- Maximum sampling rate of 100 kSPS
- Internal reference voltage of 2.5 V
- Low power consumption (typically 2.5 mW)
- Serial interface with standard microprocessor and microcontroller interfaces
- On-chip track-and-hold circuitry
- Single 5 V supply operation

Application

- Data acquisition systems
- Instrumentation
- Process control
- Medical equipment
- Industrial automation
- Robotics
- Consumer electronics



Related Products



[ADV7123KST140](#)

Analog Devices, Inc
QFP-48



[ADUM3223CRZ](#)

Analog Devices, Inc
SOIC-16



[ADV7171KSU](#)

Analog Devices, Inc
TQFP44



[AD6645ASQZ-105](#)

Analog Devices, Inc
QFP-52



[ADUM7223ACCZ](#)

Analog Devices, Inc
LGA-13



[ADUM1234BRWZ](#)

Analog Devices, Inc
SOIC-16



[AD6645ASQZ-80](#)

Analog Devices, Inc
QFP52



[AD9731BR](#)

Analog Devices, Inc
SOP-28