

Circular Connector; No. of Contacts:79; Series:LJTPQ00R; Body Material:Aluminum; Connecting Termination:Crimp; Connector Shell Size:21; Circular Contact Gender:Socket; Circular Shell Style:Wall Mount Receptacle



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	PDIP12
Product Type	Amplifier ICs
RoHS	
Lifecycle	

Please submit RFQ for AD210JN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD210 provides a complete isolation function with both signal and power isolation supplied via transformer coupling internal to the module. The AD210's functionally complete design, powered by a single +15 V supply, eliminates the need for an external DC/DC converter, unlike optically coupled isolation devices. The true three-port design structure permits the AD210 to be applied as an input or output isolator, in single or multichannel applications. The AD210 will maintain its high performance under sustained common-mode stress.

Providing high accuracy and complete galvanic isolation, the interrupts ground loops and leakage paths, and rejects common-mode voltage and noise that may otherwise degrade measurement accuracy. In addition, the AD210 provides protection from fault conditions that may cause damage to other sections of a measurement system.

Features

High CMV Isolation: 2500 V rms Continuous \pm 3500 V Peak Continuous

Small Size: 1.00" x 2.10" x 0.350"

Three-Port Isolation: Input, Output, and Power

Low Nonlinearity: \pm 0.012% max

Wide Bandwidth: 20kHz Full-Power (-3 dB)

Low Gain Drift: \pm 25 ppm/ $^{\circ}$ C max

High CMR: 120 dB \gg

Isolated Power: \pm 15 V @ \pm 5 mA

Uncommitted Input Amplifier

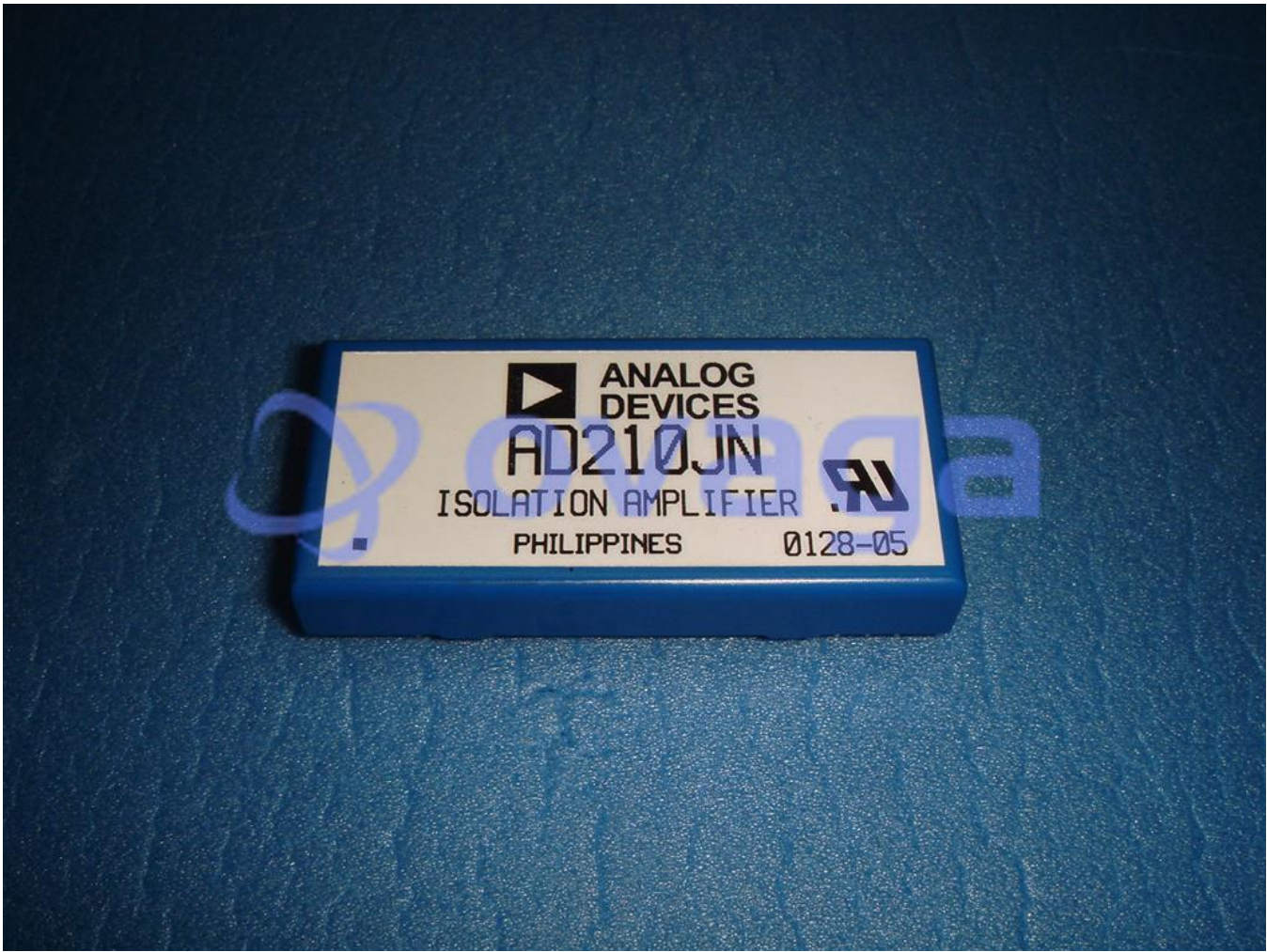
Application

Multichannel Data Acquisition

High Voltage Instrumentation Amplifier

Current Shunt Measurements



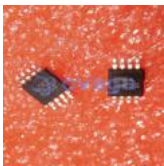


Related Products



[AD8418BRMZ-RL](#)

Analog Devices, Inc
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD8567ARUZ](#)

Analog Devices, Inc
TSSOP-14



[AD8022ARMZ](#)

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[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc
MSOP-8



[AD8062ARMZ](#)

Analog Devices, Inc
MSOP8



[AD8628AUJZ](#)

Analog Devices, Inc
SOP23



[AD8041AR](#)

Analog Devices, Inc
SOP-8