

PACSYSTEMS RX3i

Product Data Sheet

IC694ALG222

Analog Voltage Input Module

SINGLE-ENDED CHANNELS	DIFFERENTIAL CHANNELS	INPUT VOLTAGE RANGES	SINGLE-ENDED UPDATE TIME
1 to 16 selectable	1 to 8 selectable	0 to 10 V; -10 to +10 V	5 ms

IC694ALG222 is an Analog Voltage Input Module in the PACSystems RX3i family. It acquires unipolar or bipolar voltage measurements for compatible RX3i and Series 90-30 I/O systems.

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VERIFIED TECHNICAL DATA

Single-ended channels	1 to 16 selectable
Differential channels	1 to 8 selectable
Input voltage ranges	0 to 10 V; -10 to +10 V
Single-ended update time	5 ms
Differential update time	2 ms
Unipolar resolution	2.5 mV per count
Bipolar resolution	5 mV per count
Accuracy at 25deg C	±0.25% of full scale
Accuracy over temperature	±0.5% of full scale
Linearity	Less than 1 LSB

ADDITIONAL PRODUCT DATA

Differential common-mode limit	±11 V including input and noise
Channel crosstalk rejection	Greater than 70 dB, DC to 1 kHz
Input impedance	Greater than 500 kohm single-ended; 1 Mohm differential
Input filter response	23 Hz single-ended; 57 Hz differential
Backplane current	112 mA maximum at 5 V; 110 mA maximum at isolated 24 V

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Process Production: Industrial Chemical Production.

Electric Power and Energy Generation: Electric Power Generation Processes.

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

SYSTEM COMPATIBILITY

IC694ALG222 belongs to the PACSystems RX3i platform and serves as an Analog Voltage Input Module. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

PRODUCT EVIDENCE

GE Intelligent Platforms GFK-2654C, ALG222 voltage input module

AMIKON PRODUCT SUPPORT

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