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Data Sheet

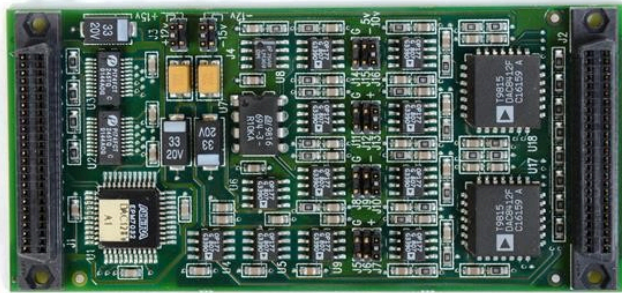
August 15, 2026

CURTISS-WRIGHT / SYSTRAN

Curtiss-Wright / Systran IP-DAC128V-69

IndustryPack Digital-Analog Converter Module

The Curtiss-Wright/Systran IP-DAC128V-69 is an IndustryPack module providing digital-to-analog conversion. It offers 128 channels and high-resolution voltage outputs for precision control and monitoring in industrial applications.

**MODEL****Curtiss-Wright /
Systran IP-
DAC128V-69****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****IP-DAC128V-69****LISTING**<https://aumictechlabs.com/products/ip-dac128v-69-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright/Systran IP-DAC128V-69 is a 128-channel IndustryPack digital-to-analog converter module delivering 12-bit resolution with eight selectable voltage ranges. Designed for precision analog output in industrial, laboratory, and military environments, this module integrates directly into VME and PC-based systems via standard carrier boards. Its modular architecture supports mixed I/O configurations while maintaining high-speed operation with zero wait-states and simultaneous write/read-back access. Technical Specifications Channel Count: 128 channels Resolution: 12-bit Output Voltage Ranges: Eight ranges selectable in two groups of four Integral and Differential Nonlinearity: ± 1 LSB (maximum) Buffered Reference Outputs: Four channels Output Implementation: Direct and series-terminated outputs to minimize signal ringing on high-

capacitance cables Power Supply: Via I/O connector - carrier or external source selectable
Physical Dimensions: 0.800" × 3.900" × 0.303" (20.32 mm × 99.06 mm × 7.70 mm) Weight: 1.056 oz (29.938 grams) Key Features ANSI/VITA 4-1995 compliant IndustryPack module Scalable configuration: up to 40 channels per VME slot (VMESC5 carrier) or 48 channels per PC slot (ISASC6 carrier) No wait-states with write and read-back access for maximum system speed Selectable voltage ranges in two independent groups accommodate diverse output requirements Series-terminated outputs reduce ringing artifacts in extended cable runs Typical Applications Precision control and monitoring systems, instrumentation requiring multi-channel analog output, industrial process automation, and laboratory test environments demanding high channel density with compact form factor. Compatibility & Integration Fully compatible with VME and PC carrier boards including VMESC5 and ISASC6 platforms. Supports mixed-module I/O architectures for customized system solutions. Power delivery flexibility enables operation with either carrier-supplied or externally sourced power.

IPDAC128V Characteristics / Specifications

PARAMETER	VALUE
Model	IP-DAC128V-69
Instrument Type	IndustryPack digital to analog converter
Mezzanine	IndustryPack
Family	Systran IP-DAC128V
Related Analog In	ADM1224F 24-channel differential plus or minus 10 V
Related Discrete	DID48-68 48-channel debounced discrete input
Form Factor	IndustryPack I/O module
Manufacturer	Systran / Curtiss-Wright
Use Case	analog voltage outputs
Control	IP carrier / host CPU
Operating Temperature Class	commercial IP
Literature	Curtiss-Wright Systran IP-DAC128V-69 listings
Output Type	voltage DAC
Documentation Type	OEM IndustryPack catalog
Brand Lineage	Systran Curtiss-Wright
System Role	analog output IP
Power	from IP carrier
Revision	69 configuration
Connector	IP I/O connector
Resolution Class	IP-DAC128V family conversion
Span Class	voltage DAC span per 128V sheet
Calibration Source	OEM published specifications
Operating temperature	Class: commercial IP

IPDAC128V Specifications

PARAMETER	VALUE
Voltage output family	Systran IP-DAC128V
Companion ADM1224F analog in	Companion DID48-68 discrete in
Technical Specifications	Model: IP-DAC128V-69

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial IP
Operating Temperature	Class: commercial IP
Operating Temperature Class	commercial IP
Literature	Curtiss-Wright Systran IP-DAC128V-69 listings
Output Type	voltage DAC
Documentation Type	OEM IndustryPack catalog
Brand Lineage	Systran Curtiss-Wright
System Role	analog output IP
Power	from IP carrier
Revision	69 configuration
Connector	IP I/O connector
Resolution Class	IP-DAC128V family conversion
Span Class	voltage DAC span per 128V sheet
Calibration Source	OEM published specifications Notes From Curtiss-Wright / Systran IP-DAC128V-69 IndustryPack DAC catalog identity. Channel count, span, and settling are on the IP-DAC128V data sheet.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Brand Lineage	Systran Curtiss-Wright
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Revision	69 configuration
Connector	IP I/O connector
Resolution Class	IP-DAC128V family conversion
Span Class	voltage DAC span per 128V sheet
Calibration Source	OEM published specifications
Notes	
From Curtiss-Wright / Systran IP-DAC128V-69 IndustryPack DAC catalog identity. Channel count, span, and settling are on the IP-DAC128V data sheet.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.