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Test & measurement • bought, sold, repaired, calibrated

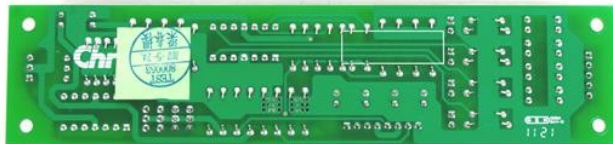
Data Sheet

August 14, 2026

CHROMA

Chroma 5300A Semiconductor Test System Board

AC and DC hipot capability class on safety analyzer platforms Ground bond or continuity paths on selected configurations Remote I/O and automation interfaces on series Instrument Family: Chroma 5300A safety analyzer class Ground bond or continuity paths on selected configurations Remote I/O and automation interfaces on series Instrument Family: Chroma 5300A safety analyzer class Primary Functions: hipot IR and related safety tests



MODEL

Chroma 5300A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

5300A

LISTING

<https://aumictechlabs.com/products/5300a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Chroma 5300A is a circuit board designed for use within electronic systems, likely within test and measurement equipment. It is described as a PXI/cPCI backplane, featuring an 8-slot configuration and a low-profile 4U rugged design. This board is adaptable for both rack and benchtop usage. The design incorporates features such as removable fans and air filters for efficient cooling, with a specified airflow of 51 cfm from high-pressure tube-axial fans. It also supports plug-in power supplies rated at 175W each. The power connector is compliant with the PCI 47M 400A1 connector, adhering to the PICMG 2.11 Power Interface Specification. Technical Specifications * Chassis Type: PXI/cPCI Backplane Slot Configuration: 8 slots Form Factor: 4U, Low-Profile, Rugged Design Cooling: * Removable fans and air filter * 51 cfm airflow from high-

pressure tube-axial fans Power Supply Support: 175W plug-in power supply modules Power Connector: PCI 47M 400A1 connector Power Interface Standard: PICMG 2.11 Power Interface Specification Interfaces * Backplane Interface: PXI/cPCI Power Connector: PCI 47M 400A1 Physical Characteristics * Form Factor: 4U Design: Rugged, suitable for rack or benchtop mounting Compatibility * Power Supply Modules: Supports 175W plug-in power supply modules. The Chroma 52100 Series chassis accepts cPWR series power supply modules. Chassis: Compatible with PXI/cPCI systems. The 5300A is a circuit board that may be integrated into larger PXI/cPCI chassis. Manufacturing and Support * Manufacturer: Chroma Availability: While the manufacturer may have End-Of-Life (EOL) status for this product, it may still be available for purchase and support through third-party vendors such as Artisan Technology Group. Why Choose Aumictech for Chroma 5300A Circuit Board? At Aumictech, we specialize in supplying high-end PXI/cPCI equipment. Whether you need solid 8-slot backplane solutions, adaptable rack and benchtop designs, or reliable cooling systems, our team ensures the Chroma 5300A Circuit Board delivers maximum performance for your electronic testing and measurement applications.

5300A Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Chroma 5300A safety analyzer class
Primary Functions	hipot IR and related safety tests
AC Hipot Capability	yes on platform class
DC Hipot Capability	yes on platform class
Insulation Resistance	yes on platform class
Ground Bond Continuity Class	configuration dependent
Programming	front panel and remote automation class
Display	digital safety tester display class
Output Interlock	safety interlock class
Arc Detection Class	yes on hipot platforms
Test Memory	programmable steps class
Form Factor	benchtop or rack safety tester class
AC Mains Powered	yes
Pass Fail Indication	yes
Remote I/O	yes class
Start Stop Control	remote and local
Scanner Option Path	available on Chroma safety families
Series Literature Tag	Chroma 190xx/50xx safety platform class adjacency
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class

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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Notes	
Chroma 5300A public numeric tables are sparse compared with current 19032/19073 family datasheets. Rows state verified platform capabilities; confirm exact hipot voltage current IR ranges and option codes on the unit faceplate and calibration certificate before quoting limits.	

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.