

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

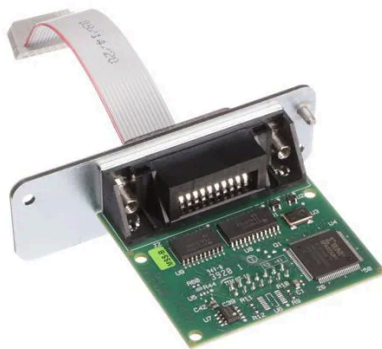
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight EL34GPBU

Keysight EL34GPBU GPIB User Installable Interface for EL30000 Series The Keysight EL34GPBU is a user-installable GPIB interface for EL30000 Series DC electronic loads. OEM EL30000 data sheets list EL34GPBU as the GPIB upgrade providing IEEE-488.2/SCPI alongside standard LAN/USB/digital I/O on EL34143A/EL34243A class loads. Adding GPIB to EL30000 electronic loads in legacy ATE racks. Instrument Type: GPIB user-installable interface The Keysight EL34GPBU is a user-installable GPIB interface for EL30000 Series DC electronic loads. OEM EL30000 data sheets list EL34GPBU as the GPIB upgrade providing IEEE-488.2/SCPI alongside standard LAN/USB/digital I/O on EL34143A/EL34243A class loads. Adding GPIB to EL30000 electronic loads in legacy ATE racks. Instrument Type: GPIB user-installable interface Host Family: EL30000 Series DC electronic loads



MODEL

**Agilent / Keysight
EL34GPBU**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

EL34GPBU

LISTING

<https://aumictechlabs.com/products/el34gpbu-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EL34GPBU is a user-installable GPIB interface module that adds General Purpose Interface Bus connectivity to Keysight EL30000 Series bench electronic loads. This module enables remote control and data acquisition, allowing seamless integration into automated test equipment systems and laboratory environments. It implements SCPI-1999 and IEEE 488.2 standards for standards-compliant instrument communication. Technical Specifications Interface Standard: IEEE

488.2 GPIB Protocol Support: SCPI-1999, IEEE 488.2 Form Factor: User-installable module designed for field installation into compatible EL30000 Series loads

Key Features

- Direct installation into EL30000 Series electronic loads without external adapters
- Full GPIB communication for remote instrument control and data transfer
- Standards-based protocol implementation ensures compatibility with industry-standard test systems
- Support for Keysight IO Libraries Suite for unified instrument communication and detection

Typical Applications

The EL34GPBU serves automated test equipment (ATE) environments where bench electronic loads require centralized control and monitoring. Integration into laboratory automation workflows eliminates manual operation and enables high-throughput testing scenarios.

Compatibility & Integration

Compatible Instruments: Keysight EL30000 Series bench electronic loads including EL33133A, EL34143A, EL34243A, and E36731A

Software Support: Compatible with Keysight IO Libraries Suite, which provides unified interface management across GPIB, USB, LAN, and RS-232 connections. The suite handles automatic instrument detection, configuration, and communication protocol selection.

EL34GPBU Characteristics / Specifications

PARAMETER	VALUE
Model	EL34GPBU
Instrument Type	GPIB user-installable interface
Host Family	EL30000 Series DC electronic loads
Host Examples	EL34143A EL34243A class
Bus	IEEE-488.2 GPIB
Programming	SCPI
Connector	IEEE-488 GPIB
Manufacturer	Keysight
Form Factor	user-installable module
Literature	EL30000 Series data sheet EL34GPBU
Related E363 Upgrade	E363GPBU
Address	GPIB primary address on host
Operating Temperature	host EL30000 rating
Power	from host load
Standards	IEEE-488.1 / IEEE-488.2
Use Case	rack ATE GPIB control
Install	user installable
Front Rear	GPIB connector per EL30000 chassis
Digital Io	host digital I/O remains
Lan Usb	standard on EL30000
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	host EL30000 rating
Operating Temperature	host EL30000 rating
Power	from host load
Standards	IEEE-488.1 / IEEE-488.2
Use Case	rack ATE GPIB control
Install	user installable
Front Rear	GPIB connector per EL30000 chassis
Digital Io	host digital I/O remains
Lan Usb	standard on EL30000
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications Notes From Keysight EL30000 Series electronic-load data sheets listing EL34GPBU GPIB user-installable interface. Load voltage/current ratings remain those of the EL34xxx host.

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	
Specifications	
PARAMETER	VALUE
Model	EL34GPBU
Instrument Type	GPIB user-installable interface
Host Family	EL30000 Series DC electronic loads
Host Examples	EL34143A EL34243A class
Bus	IEEE-488.2 GPIB
Programming	SCPI
Connector	IEEE-488 GPIB
Manufacturer	Keysight
Form Factor	user-installable module
Literature	EL30000 Series data sheet EL34GPBU
Related E363 Upgrade	E363GPBU
Address	GPIB primary address on host
Operating Temperature	host EL30000 rating
Power	from host load
Standards	IEEE-488.1 / IEEE-488.2
Use Case	rack ATE GPIB control
Install	user installable
Front Rear	GPIB connector per EL30000 chassis
Digital Io	host digital I/O remains
Lan Usb	standard on EL30000
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Notes	
From Keysight EL30000 Series electronic-load data sheets listing EL34GPBU GPIB user-installable interface. Load voltage/current ratings remain those of the EL34xxx host.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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