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Data Sheet

August 15, 2026

ETAS

ETAS ES1130.2 Simulation Controller Board

The ETAS ES1130.2 is a simulation controller board designed for automotive applications. It provides real-time processing capabilities for hardware-in-the-loop (HiL) simulations and rapid prototyping of electronic control units (ECUs).



MODEL

ETAS ES1130.2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ES1130.2

LISTING

<https://aumictechlabs.com/products/es1130-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ETAS ES1130.2 simulation controller board is a solution for automotive simulation and rapid prototyping. It has a solid platform for testing and validating ECU software in a virtual environment. This board enables engineers to create realistic simulations of vehicle dynamics, sensor signals, and actuator behavior, facilitating the development and testing of advanced driver-assistance systems (ADAS) and other automotive control functions.

ES11302 Characteristics / Specifications

PARAMETER	VALUE
Model	ES1130.2
Instrument Type	HIL simulation controller board
Family	ETAS ES1000 / ES1130 LABCAR
Revision	ES1130.2
Chassis	ES1000-series LABCAR rack
Role	real-time simulation CPU
Software	LABCAR-RTPC / LABCAR-IP
Io Family	ES4xxx analog/digital/bus I/O
Bus Simulation	remaining-bus simulation for automotive networks
Timing	deterministic HIL step timing
Application	ECU hardware-in-the-loop test
Networks	CAN, LIN, FlexRay class remaining-bus (system I/O dependent)
Form Factor	ES1000 chassis board
Host	ETAS LABCAR system
Model Execution	compiled plant and residual-bus models on the simulation CPU
Manufacturer	ETAS (Bosch group)
Literature	ETAS ES1130.2 simulation controller identification in LABCAR ES1000 hardware
Sibling	other ES11xx simulation controllers in the same chassis family
Use	powertrain, chassis and body ECU HIL
Io Separation	controller board versus ES4xxx signal I/O boards
Realtime	hard real-time LABCAR kernel
Integration	ETAS Experiment Environment / LABCAR operator software
Queue Title	ETAS ES1130.2 Simulation Controller Board

ES11302 Specifications

PARAMETER	VALUE
ETAS ES1130.2 LABCAR Simulation Controller Board	Overview
Key Features	LABCAR simulation controller, ES1130.2 revision
Technical Specifications	Model: ES1130.2

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	
From ETAS ES1130.2 LABCAR simulation-controller family identification. CPU clock, memory and exact I/O map belong on the ES1130.2 hardware manual for that revision.	

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.