

User Guides
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Evaluation Software
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Overview

Features and Benefits | Product Details

Key Product Features

- Node Emulator
 - AD243x — Main/Sub node — Standard/High Power
 - AD242x — Main/Sub node
- A²B Bus Traffic Monitor
- Simultaneous Monitor and Emulator operation
- Selectable audio interface
 - Analog I/O
 - Digital SPDIF I/O
 - USB2.0 Audio Class
 - Streaming from/to PC
- Intuitive Graphical User Interface
 - Supported on Windows, Linux, MacOS
- Software Development Kit (SDK)

Key Benefits

- Powerful, multi-function HW
- Supports Rapid development
- HW locked license
- Software push notifications
- Seamless integration to SigmaStudio+
- Fully compatible with SigmaStudio

Contact your nearest Analog Devices sales office to complete the [Non-Disclosure Agreement \(NDA\)](#) required to receive additional product information. For technical support, send email to a2b.analyzer.support@analog.com. Additional support is available from your [Analog Devices local sales](#).

Markets and Technologies

Automotive (6)

Applicable Parts

- [AD2433W](#)
- [AD2435W](#)
- [AD2432W](#)
- [AD2431W](#)
- [AD2426](#)
- [AD2426W](#)
- [AD2427](#)
- [AD2427W](#)
- [AD2428](#)
- [AD2428W](#)

Package Contents

- A²B Bus Analyzer HW Unit
- USB-A to Micro-B cable
- 12V power supply adapter
- A²B Cable with HDAC to Duraclik connectors
- A²B Cable with HDAC to HDAC connectors (2)
- A²B Cable with Duraclik connectors (2)
- A²B Analyzer Application download instructions

Getting Started

Refer to the A²B Bus Analyzer [Quick Start Guide](#) to get started with A²B Bus Analyzer.

System Requirements

A²B Bus Analyzer – Supported OS platforms
 Windows: Windows 10 Home, Pro, Enterprise (64-bit)
 Linux: Ubuntu 18.04+ (64-bit)
 macOS: 10.15.x Catalina

Documentation

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User Guides

A²B Bus Analyzer

A²B Node Emulator and Bus Traffic Monitor



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- System Requirements
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- Buy

Software

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Evaluation Software

[A²B Bus Analyzer Software](#) WIKI

Buy

Model	Description	Price	RoHS
ADZS-A2B-ANALYZER Contact ADI	Full-feature set; Emulator and Monitor	\$2495.00	Yes
ADZS-A2B-EMULATOR Contact ADI	Full-featured Emulator Only	\$1995.00	Yes
ADZS-A2B-E-UPGRADE Contact ADI	Upgrade: Adds Emulator feature to existing Monitor purchase	\$1500.00	Yes
ADZS-A2B-MONITOR Contact ADI	Full-featured Monitor Only	\$1495.00	Yes
ADZS-A2B-M-UPGRADE Contact ADI	Upgrade: Adds Monitor feature to existing Emulator purchase	\$1000.00	Yes

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