

## a2

Single channel OEM module (without case)

**EyePoint a2** is an OEM module designed to find faulty electronic components on printed circuit boards by analog signature analysis (ASA). The device is controlled via USB (via a virtual COM port). The module has an open API for developing its own software. An SDK (development kit) is supplied with the device, which includes: a library for the C programming language, bindings for Python and C # languages, code examples and documentation. Windows and Linux OS are supported. In addition, the module can be used in conjunction with ready-made software for other devices of the EyePoint family.



## SPECIFICATIONS

- Current range: up to 250  $\mu$ A, up to 2.5 mA, up to 25 mA
- Sample signal frequency up to 100 kHz
- Test signal voltage 1.2, 3.3, 5, 12V
- Communication interface USB 2.0
- OS support: Windows 7/8/10 (x64 / x86), Linux
- Ability to programmatically control: C/C++, C#, Qt, Python
- Supply voltage: 5 V
- Sensitivity for R: 1 Ohm - 450 kOhm
- Sensitivity for C: 50 pF - 100  $\mu$ F
- Sensitivity for L: from 1  $\mu$ H
- Size: 60x40x5

## Simple and compact

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