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INDUSTRIAL PRODUCT DATASHEET

Raspberry Pi Debug Probe - Plug-and-play, USB to serial-debug & UART, 3-pin debug connector, Multiple debug platform supported

Raspberry Pi Debug Probe is a complete plug-and-play interface debug solution perfect for Raspberry Pi Pico, XIAO RP2040, other RP2040-based microcontrollers, and microprocessor-based platforms.

SKU	UPDATED	PRICE
114993074	2026-11-21 06:08:39	$12.00(Excl. VAT)



Overview



Raspberry Pi Debug Probe is a complete plug-and-play interface debug solution perfect for Raspberry Pi Pico, XIAO RP2040, other RP2040-based microcontrollers, and microprocessor-based platforms. It bridges the USB interface to a dedicated serial debug interface and industry-standard UART interface, both of which use a small, keyed, 3-pin debug connector, published for the next standard.

Key Features

01 **All-in-one Debug Probe**

Bridge USB interface to dedicated serial debug interface and industry-standard UART interface

02 **Plug and Play**

Apply a 3-pin debug connector for working with a single unidirectional clock pin and a bidirectional data I/O pin

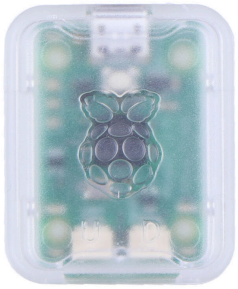
03 **Multiple Debug Platforms Supported**

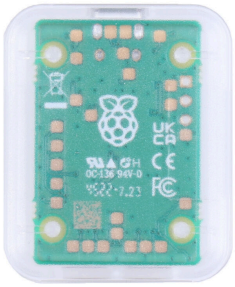
Not only Raspberry Pi Pico and RP2040 but also other microcontrollers- and microprocessor-based platforms

04 **Raspberry Pi Production Quality**

Based on the Raspberry Pi Pico hardware design and runs the open-source PicoProbe software

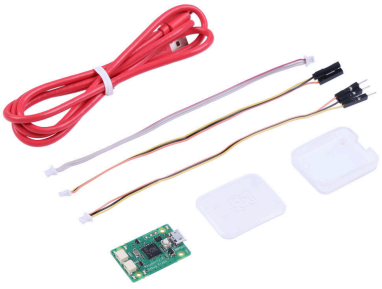
Product Gallery



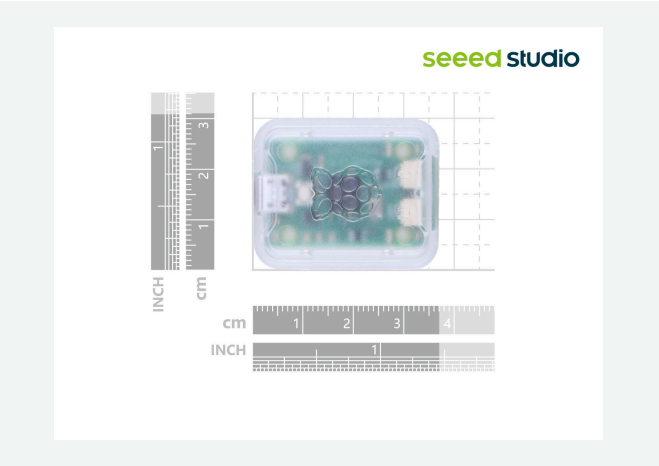












Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-Debug-Probe-p-5592.html
- Raspberry Pi Debug Probe Datasheet
- Raspberry Pi 3-pin Debug Connector Specification
- Open-source PicoProbe software

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