

NEWS LETTER

PCISIG Mini PCIe M.2 (NGFF) breakout / passive adapter

PCISIG M.2 mini PCIe breakout adapter - passive adapter

Zebax offers PCISIG M.2 breakout / passive adapter tailored for purpose of pre-bringup, bringup, test, debug and characterization applications. ZX12x modules are designed using 4 layers with 50 Ohms trace impedance.

Application: Functional and interface testing , pre-bringup, bringup testing, debugging, characterization.

ZX122xB

Introducing [ZX122xB](#) is PCISIG M.2 (NGFF) breakout adapter. It is designed for test/debugging of applications using M.2 (NGFF) PCISIG bus interface. The module is offered in key types: **A, B, E** and **M**. All the M.2 signals are accessible via 0402 SMD landing pads for probing / interfacing to evaluation board for pre-bringup interface validation. [ZX122xB](#) is designed in 4 layers with 50 Ω trace impedance.

Application: Pre-Bringup, bringup, test, debug of PCISIG M.2 bus interface



ZX122xA

[ZX122xA](#) is passive adapter designed for test/debugging of PCISIG M.2 (NGFF) bus interface applications. The [ZX122xA](#) is passive adapter where all the M.2 signals are accessible via onboard 0402 SMD landing pads along with extending all the signals to M.2 connector. The module is offered in key types: **A, B, E**, and **M**. The [ZX122xA](#) is designed in 4 layers with 50 Ω trace impedance and the GND reference point.

Application: Pre-Bringup, bringup, test, debug of PCISIG M.2 bus interface.



ZX122BX

[ZX122BX](#) is PCISIG M.2 (NGFF) breakout adapter designed to meet multiple KEY configuration. It is designed for test/debugging of applications using M.2 (NGFF) PCISIG bus interface. The module is offered in multiple key combinations per customer project requirement. The [ZX122BX](#) may be offered with any/all M.2 key type combination : **A, B, E** and **M**. All the M.2 signals are accessible via 0402 SMD landing pads for probing / interfacing to evaluation board for pre-bringup interface. The [ZX122BX](#) is designed in 4 layers with 50Ω trace impedance and the GND test points.

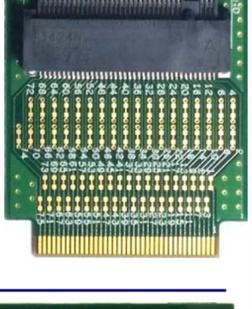
Application: Pre-Bringup, bringup, test, debug of PCISIG M.2 bus interface.



ZX122AX

[ZX122AX](#) is passive adapter CONVERTING any KEY-ID to ANY M.2 connector. It is designed for test/debugging of PCISIG M.2 (NGFF) bus interface applications. The [ZX122AX](#) is passive adapter where all the M.2 signals are accessible via onboard 0402 SMD landing pads along with extending all the signals to M.2 connector. The module is offered in any key type combination with onboard M.2 connector types: **A, B, E**, and **M**. The [ZX122AX](#) is designed in 4 layers with 50 Ω trace impedance and the GND reference point.

Application: Pre-Bringup, bringup, test, debug of PCISIG M.2 bus interface.



ZX120 ZX121

[ZX120](#) and [ZX121](#) are PCI Express Mini , PCIe mini , breakout adapter and extender module tailored for debugging, development and characterization applications. [ZX120](#) PCISIG breakout adapter offers debugging tool, interfacing to evaluation or custom design solution. [ZX121](#) mini PCISIG extender module offers onboard 0402 SMD landing pads, access for ease of debugging and /or external stimulus. Both [ZX120](#) and [ZX121](#) are designed in 4 layers PCB layers for improved signal integrity with 50 Ω trace impedance.

Application: Functional and interface testing of ASIC, Signal characterization, performance analysis., pre-bringup.



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