

**Product Name:** USB 2.0 3.0 3.1 Test Board - Transmitter & Receiver Test Fixture breakout adapter

**Product Description:** High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip ( USB 3.0) test board Transmitter and Receiver test fixture ( breakout Adapter ) with the following USB3.x connectors:

- 1- USB3.0 Type A (Plug)
- 2- USB3.0 Type A Receptacle
- 3- USB3.0 Type B Receptacle
- 4- μUSB3.0 Type micro AB (Plug)
- 5- μUSB3.x Type Mirco AB Receptacle

Insertion loss for each module :

- 100MHz < 0.05dB
- 1.25GHz < 0.90dB
- 2.5GHz < 1.1dB
- 5.0GHz < 3.8dB

Please refer to each module's datasheet for the listed insertion losses.

Designed meeting electrical compliance testing; eye diagram, jitter ( random, deterministic, total jitter, SCC profiles tests. Slew, Voltage levels and more).

Designed in 4 layer - 100 Ω differential trace impedance - electrical test measurement requirements.

Includes : USB3.0 **Type A Plug**, **Type A Receptacle**, **Type B Receptacle**, **mirco AB Plug**, and **micro AB Receptacle** with standard SMA connectors.

Accessible 0.1" (2.54mm) pitch header, enabling "Power measurement" of VBUS.

**Application:** Electrical test, Clock Jitter measurement, eye diagram, characterization test, Pre-certification full electrical test

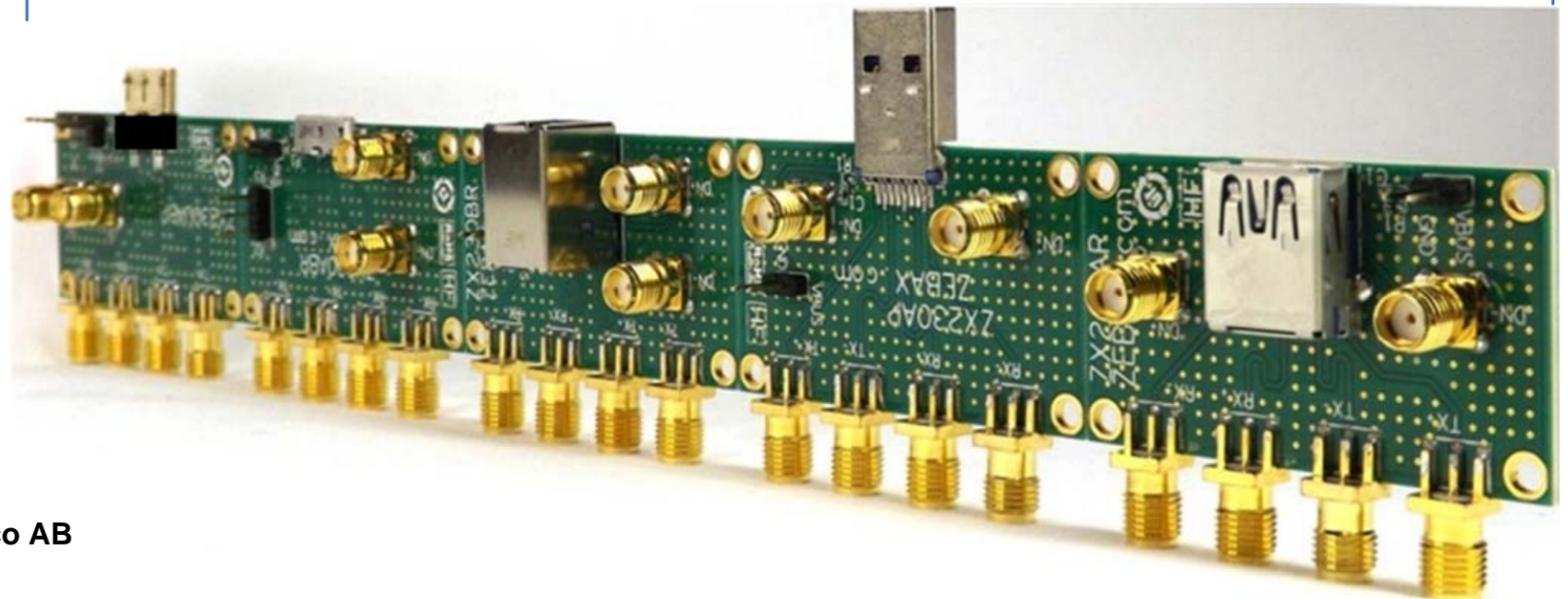
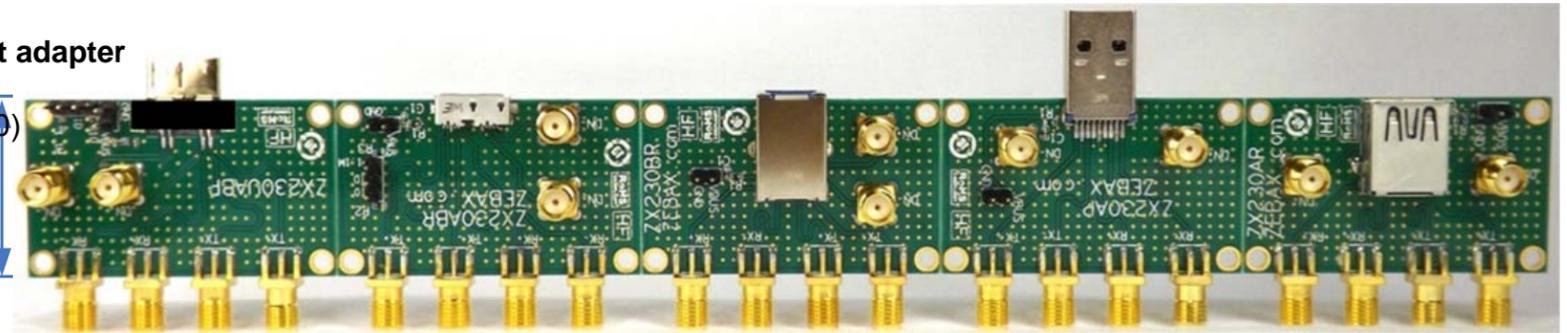
**Mates with :** **Type A – High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip Specification 3.x Plug - ZX230AP**  
**Type A – High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip Specification 3.x Socket ( Receptacle ) - ZX230AR**  
**Type B – High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip Specification 3.x Socket ( Receptacle ) - ZX230BR**  
**Type mAB – High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip Specification 3.x Plug - ZX230uABP**  
**Type mAB – High Speed Inter-Chip HSIC USB 2.0 - SuperSpeed USB Inter-Chip Specification 3.x Socket ( Receptacle ) - ZX230uABR**

**SMA** Female onboard, mates with standard male SMA cable assembly  
**SMA** – Brass with Gold finish 5u" on RING, 35u" GOLD Plated at pin. Insulator: PTFE  
**Header** 0.1" center, 0.025" SQ with 0.23" (5.8mm) post height

**Test procedure:** Compatible with Agilent, Tektronix and Lecroy automated test procedure

1.2"(30.5mm)

10.32"(26.2cm)



**Pinouts:** Please refer to each individual module for details –

- [ZX230AP Mates with Type A Socket \( Receptacle \)](#)
- [ZX230AR Mates with Type A Plug](#)
- [ZX230BR Mates with Type B Plug](#)
- [ZX203mABP Mates with Type mAB Socket](#)
- [ZX203mABR Mates with Type mAB Plug](#)

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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX230 USB Test Board	
DESCRIPTION: HSIC USB Test Board – Transmitter Receiver Type A, B, Micro AB breakout adapter test fixture		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1