

Product Name: ZX230BR USB 3.0 Test Board - Type B Receptacle (Socket) Transmitter & Receiver Test Fixture

Product Description: High Speed Inter-Chip HSIC USB 2.0 SuperSpeed USB 3.0 test board - Transmitter and Receiver test fixture (breakout Adapter) with USB3.0 Type B Receptacle (socket) connector. 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 meeting SuperSpeed USB 3.0 test board electrical test measurement requirements.

Includes : USB3.0 **Type B** 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 B - USB 3.0 Plug**
SMA Female onboard, mates with standard male SMA cable assembly
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

Pinouts: **USB 3.0 Type B Receptacle** and the header pin assignments listed below

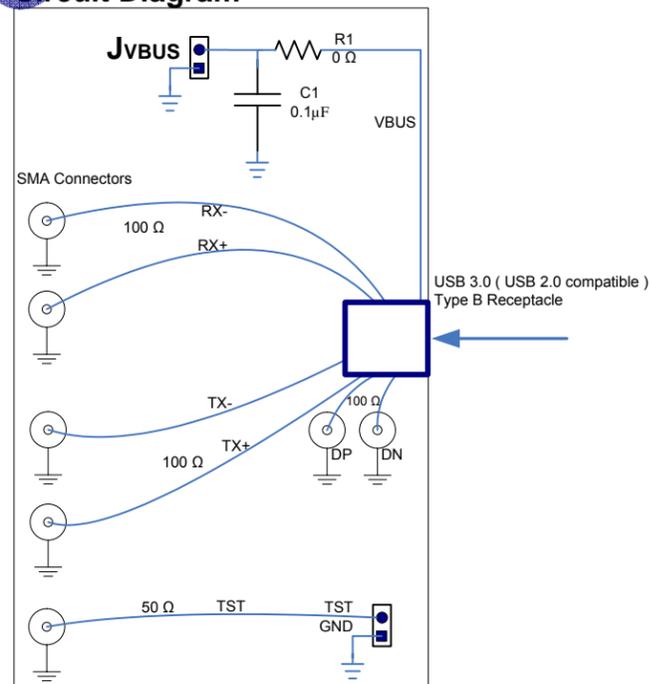
Type B Receptacle	
Pin	Function
1	VBUS
2	DN
3	DP
4	GND
5	TX-
6	TX+
7	GND
8	RX-
9	RX+

Test	
Pin	Function
1	GND
2	TST

Power	
Pin	Function
1	GND
2	VBUS

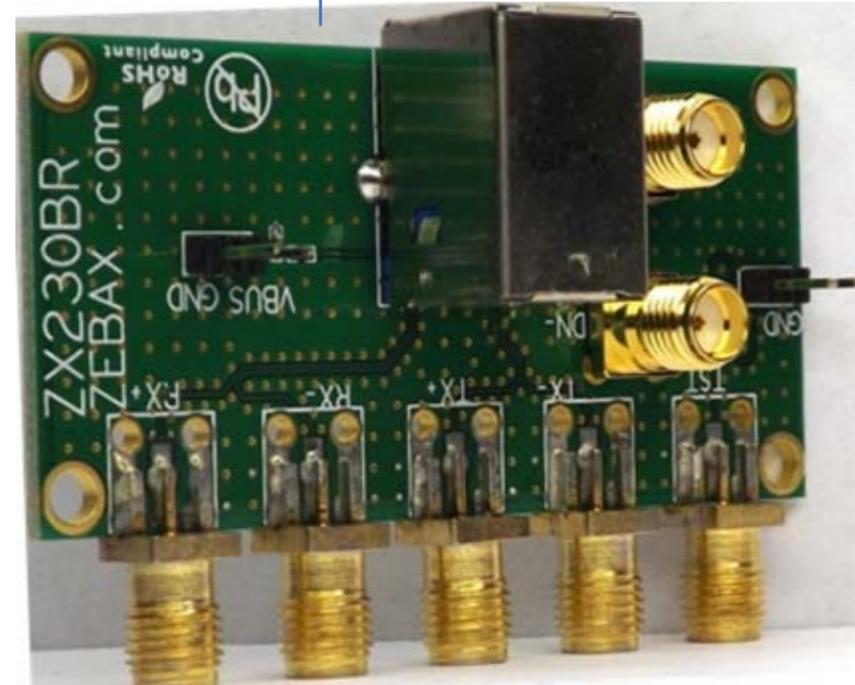
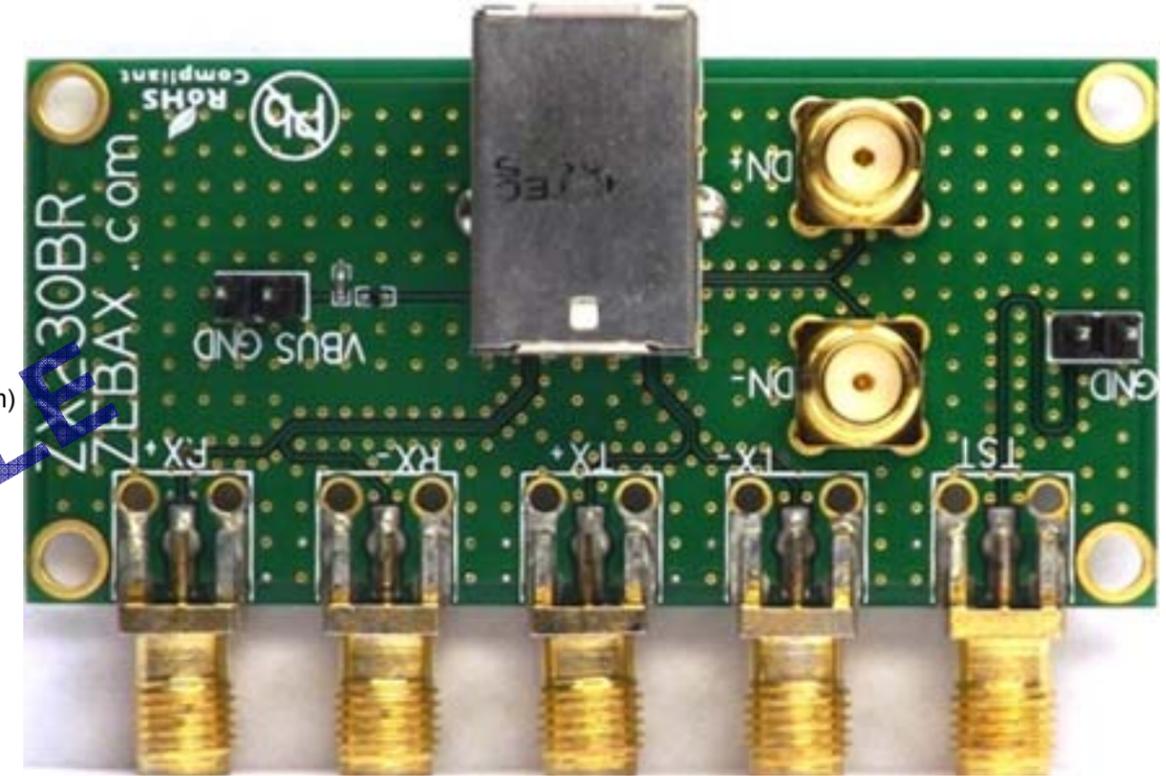
VBUS Power measurements:
Use Jvbus for power measurements.

Circuit Diagram



1.2"(30.5mm)

2.5"(63.5mm)



Note
ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated.

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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX230BR Test Board	
DESCRIPTION: USB 3.0 Test Board – Transmitter Receiver Type B Receptacle breakout adapter Test Fixture		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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