

Product Name: ZX230AP USB 3.0 Test Board - Type A Plug 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 USB 3.0 Type A Plug 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 A** Plug 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 - USB 3.0 Socket (Receptacle)**
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 A Plug** and the header pin assignments listed below

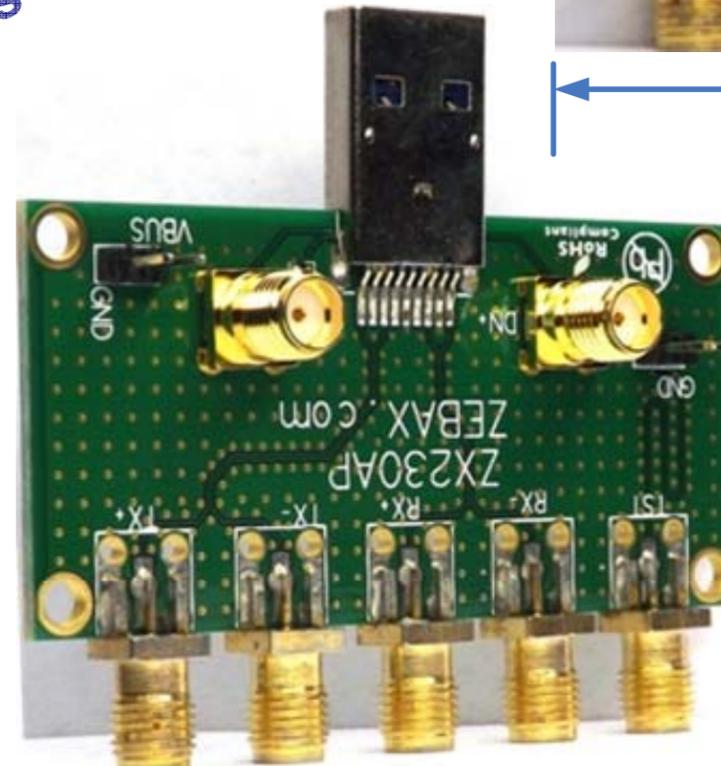
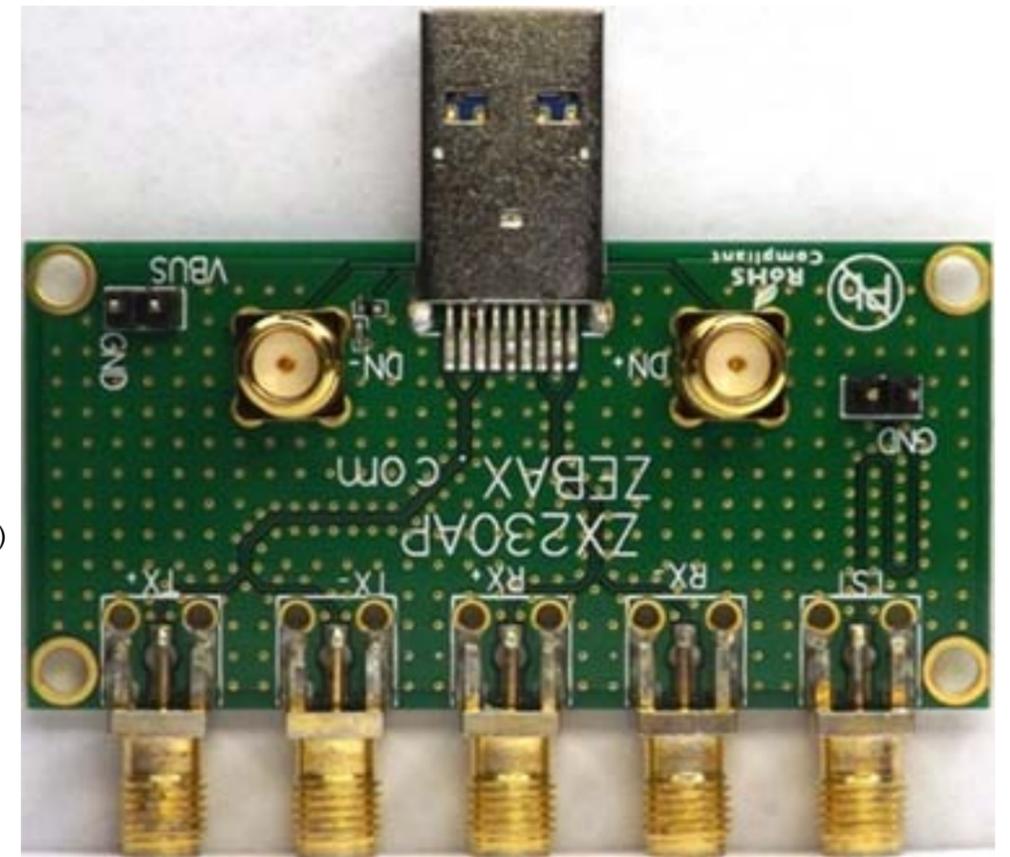
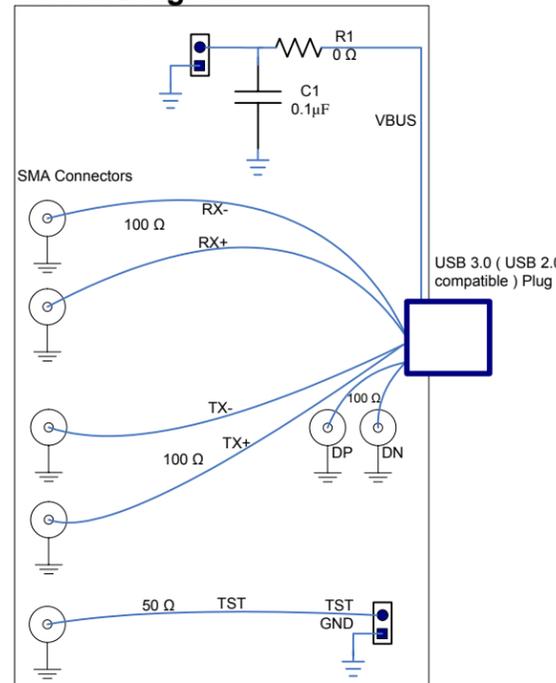
Type A Plug	
Pin	Function
1	VBUS
2	DN
3	DP
4	GND
5	RX-
6	RX+
7	GND
8	TX-
9	TX+

Test	
Pin	Function
1	GND
2	TST

Power	
Pin	Function
1	GND
2	VBUS

VBUS Power measurements:
Use Jvbus for power measurements.

Circuit Diagram



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:ZX230AP USB 3.0 Test Board		
DESCRIPTION: SuperSpeed USB 3.0 Test Board – Transmitter Receiver Type A Plug breakout adapter Test Fixture		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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