

Product Name: ZX131H-BTH-BTH030 Samtec breakout Adapter

Product Description: Samtec BTH/BTH 30pins x 2rows → 60 pins Samtec breakout adapter supporting Samtec's Basic Blade & Beam Header/Socket BTH series. ZX131H has onboard BTH-030 connectors mating with BSH connector series.

Designed in 4 layers PCBoard with improved signal integrity and crosstalk. The 2 inner layers PCB are GND planes connected to the GND test point as well as top/bottom GND fill.

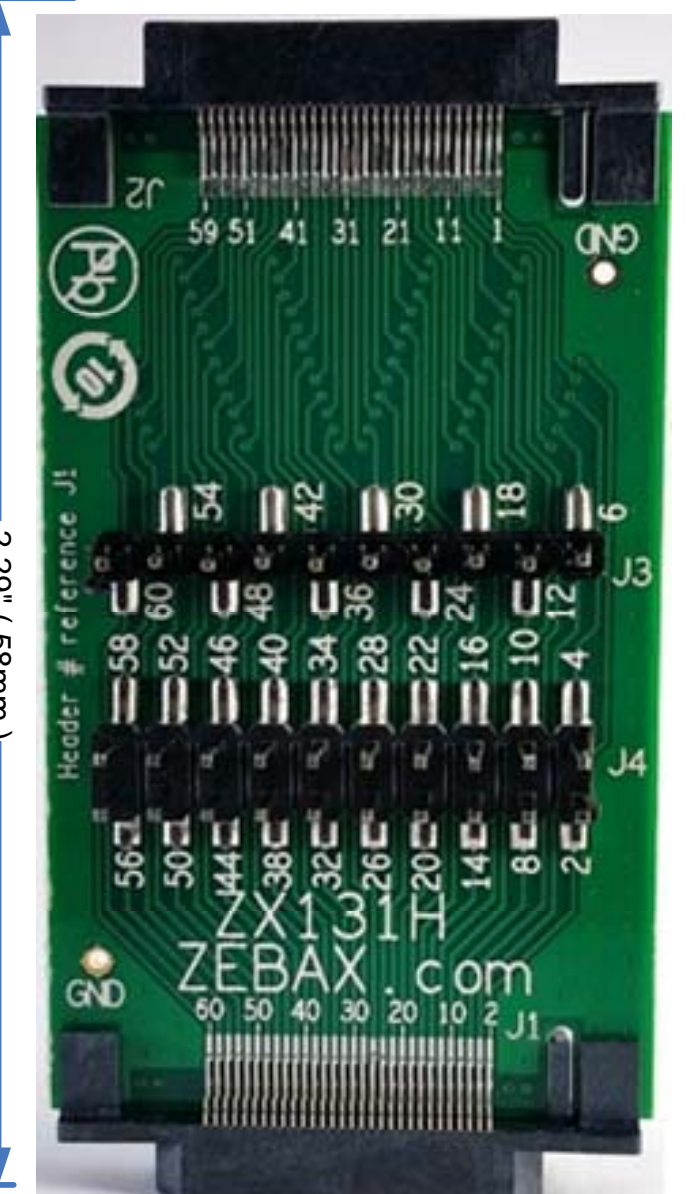
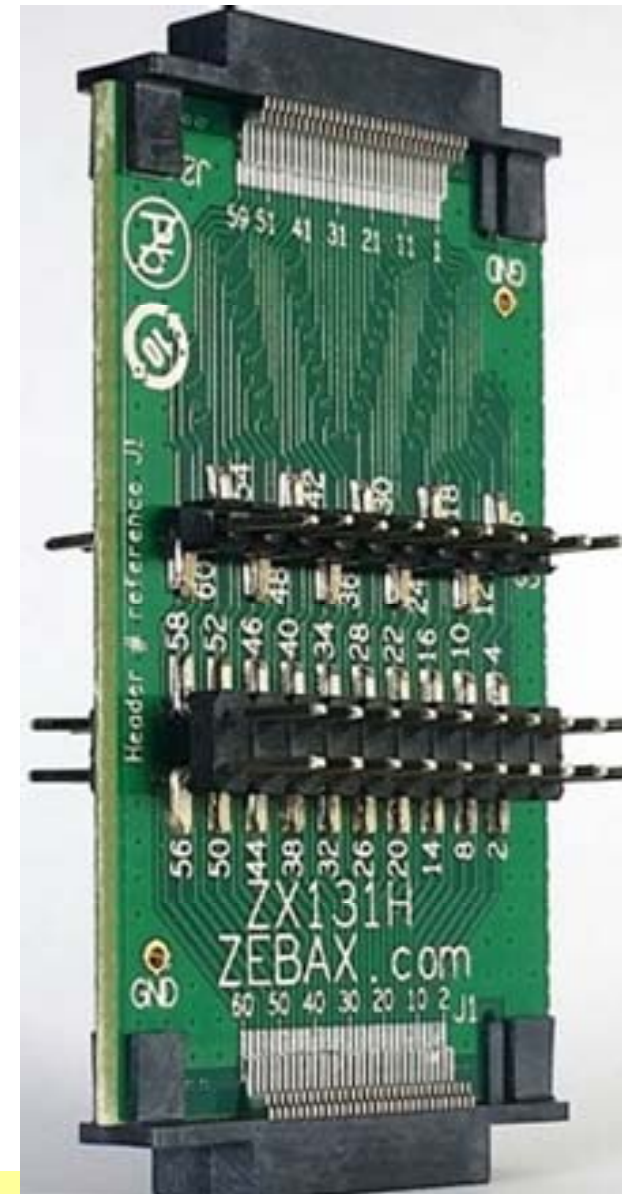
GND test point for easy access – GND Test point must be connected to system GND

Application: Bringup, testing, emulation, development, modular design evaluations

Mates with : Samtec BSH030 Basic Blade & Beam

Pitch: 0.50mm (0.0197") High Speed connector

Headers: 0.1" (2.54mm) center, 0.025" SQ with 0.32" (8.13mm) post height



ZX131H-BTH-BTH030 pin configuration

TOP	BTH	J2	1, 3, 5, .. 59									
BOTTOM			2, 4, 6, .. 60									

Bottom	Headers	J5	59	53	47	41	35	29	23	17	11	5
		J6	57	51	45	39	33	27	21	15	9	3
			55	49	43	37	31	25	19	13	7	1

Top	Headers	J3	60	54	48	42	36	30	24	18	12	6
		J4	58	52	46	40	34	28	22	16	10	4
			56	50	44	38	32	26	20	14	8	2

TOP	BTH	J1	2, 4, 6, .. 60									
BOTTOM			1, 3, 5, .. 59									

Header pin numbers are referenced to J1 BTH connector pins

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NOTE: Pin 1 of the Samtec BTH030 Plug (Header) is connected to Pin 1 of BTH030 Plug (Header).

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: ZX131H-BTH-BTH030	
DESCRIPTION: Samtec breakout adapter BTH BTH 030		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0
		SHEET: 1 OF 1