

Product Name: ZX155-078-QMS-QFS Samtec Breakout Adapter

Product Description: 078pins x 2 rows, 156 pin Samtec breakout adapter – Single Ended. Offering **both** QMS and QFS connectors on a single breakout adapter. Designed in 4 layer PCBoard with full access to all 156 signals.

This module mates with both Single ended (-D) and Differential Pair signaling (-DP) connector types are supported.

The Samtec GND pins are connected to the modules top/bottom fill & 2 inner GND planes for reduced crosstalk, xtalk, and improved signal integrity.

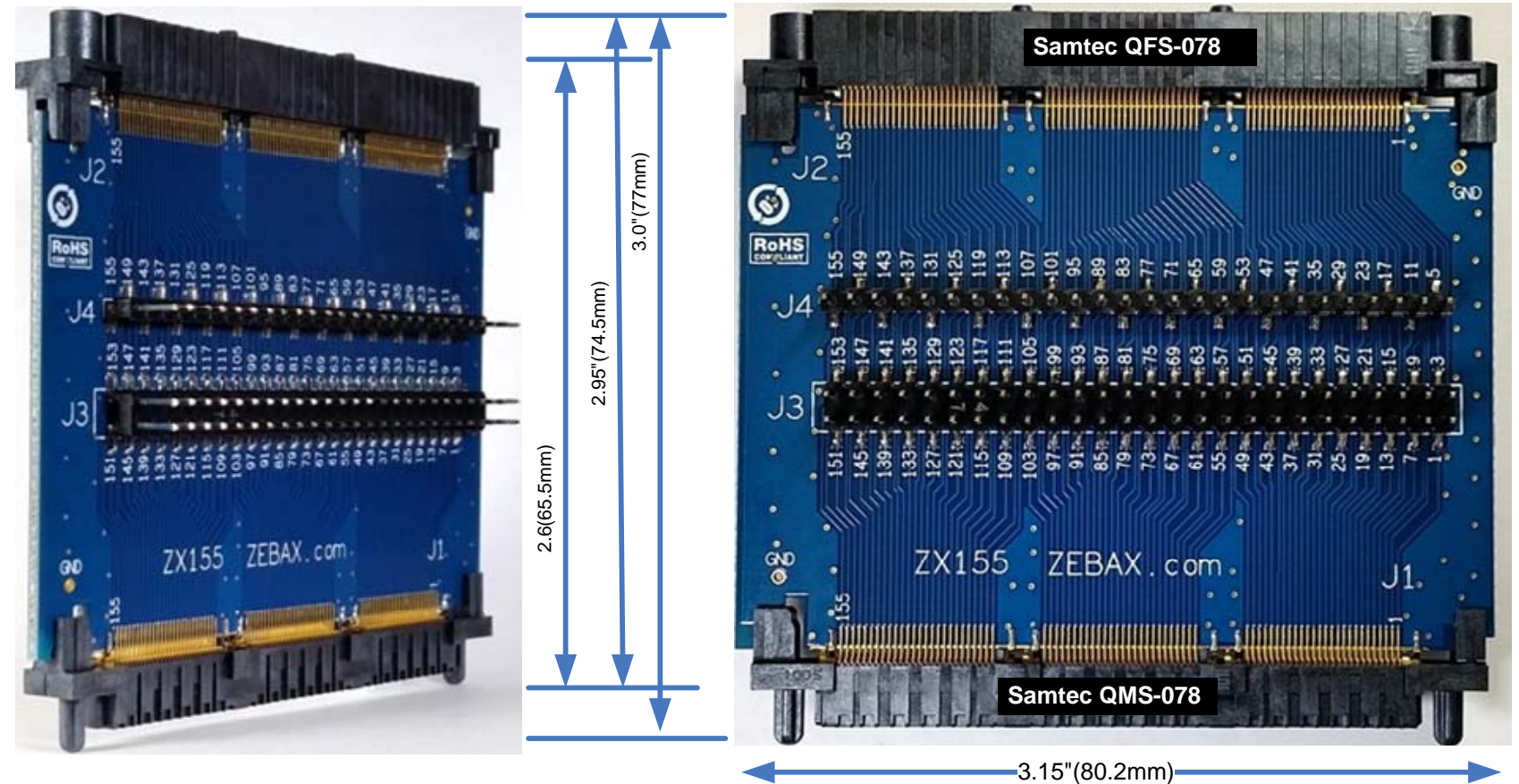
GND test point for direct connection.

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

Mates with : Samtec QMS-078 QFS-078 QMS-048 QFS-048 -D -DP

Pitch: 0.635mm (0.025") High Speed connector

Headers: 0.1" (2.54mm) center, 0.025" SQ with 0.22" (5.58mm) post height



NOTE:

- 1- Pin 1 of the QMS (J1-Header) is connected to Pin 1 of QFS (J2-Receptacle).
- 2- Both Single ended (-D) and Differential Pair signaling (-DP) connector types are supported.

ZX155-078-QMS-QFS pin configuration

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		J4	155	149	143	137	131	125	119	113	107	101	95	89	83	77	71	65	59	53	47	41	35	29	23	17	11	5
Top	Headers	J3	153	147	141	135	129	123	117	111	105	99	93	87	81	75	69	63	57	51	45	39	33	27	21	15	9	3
		J3	151	145	139	133	127	121	115	109	103	97	91	85	79	73	67	61	55	49	43	37	31	25	19	13	7	1
Bottom	Headers	J6	156	150	144	138	132	126	120	114	108	102	96	90	84	78	72	66	60	54	48	42	36	30	24	18	12	6
		J5	154	148	142	136	130	124	118	112	106	100	94	88	82	76	70	64	58	52	46	40	34	28	22	16	10	4
		J5	152	146	140	134	128	122	116	110	104	98	92	86	80	74	68	62	56	50	44	38	32	26	20	14	8	2

Header pin numbers refer to the SAMTEC connector pin number

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: ZX155-078-QMS-QFS	
DESCRIPTION: Samtec breakout adapter 078 QMS QFS		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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