

Product Name: ZX154-052-QMS Samtec Breakout Adapter, mating with **all** QFS and QFSS connector options.

Product Description: 52pins x 2 rows, 104 pin Samtec breakout adapter – Single Ended. Offering QMS connector on a single breakout adapter. Designed in 4 layer PCBoard with full access to all 104 signals.

This module mates with all types of QFS-052 QFSS-052 connector types. Both Single ended (-D) and Differential Pair (-DP) signaling 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.

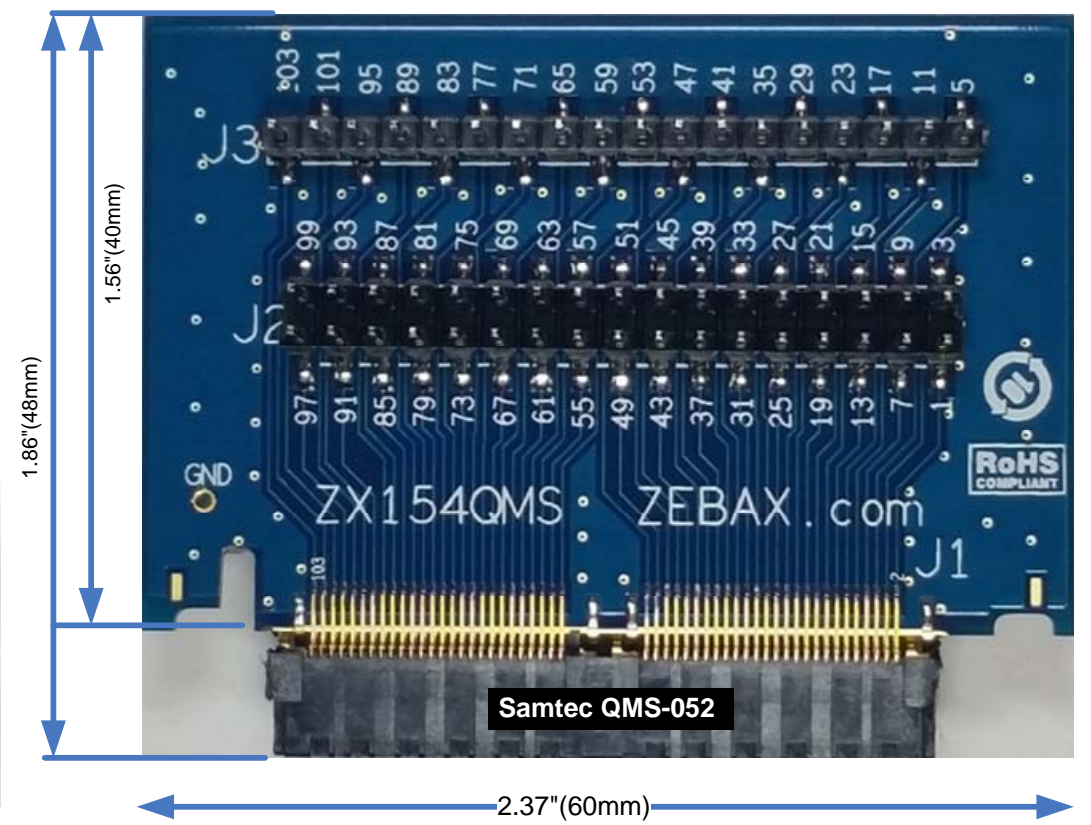
GND test point for direct connection.

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

Mates with : Samtec QFS-052 QFS-032 QFS-052-PC4 -PC8 -RA -EM2 -RF1 -GP -D -DP QFSS-052 QFSS-032

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- Both Single ended (-D) and Differential Pair signaling (-DP) connector types are supported.

ZX154-052-QMS pin configuration

Top	Headers	J4	103	101	95	89	83	77	71	65	59	53	47	41	35	29	23	17	11	5
		J3		99	93	87	81	75	69	63	57	51	45	39	33	27	21	15	9	3
				97	91	85	79	73	67	61	55	49	43	37	31	25	19	13	7	1
Bottom	Headers	J6	104	102	96	90	84	78	72	66	60	54	48	42	36	30	24	18	12	6
		J5		100	94	88	82	76	70	64	58	52	46	40	34	28	22	16	10	4
				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
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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX154-052-QMS	
DESCRIPTION: Samtec breakout adapter 052 QMS		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1