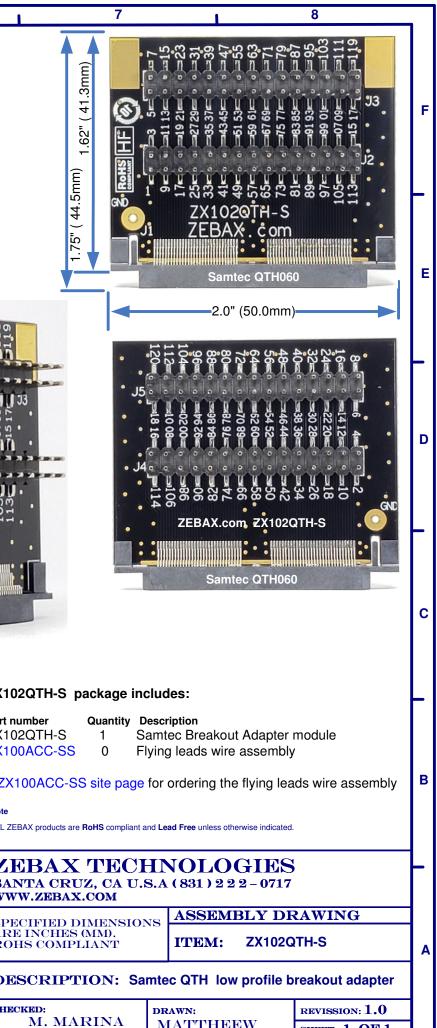
_	1			2		3	4		5	6	
	Product Name	e: Z	X102QTH-S	Samtec lo	ow profile Bre	eakout Adapter					
F	<b>Product Description:</b> 60pins per row x 2 rows > 120 pins Samtec breakout adapter designed for low profile test and measurement applications; servers or networking system – Onboard QTH-060 Samtec connector, mating with QSH-060 connector series.										
	1- Each QTH-060 connector's signal is routed to onboard header. 2- Listed number adjacent to each header pin represents the associated Samtec QTH pin number.										
		3- All trace	s are 50 Ohms ii	mpedance c							
	5- One accessible GND test point, The test point is connected to module's GND planes and direct interface to the connector GND blade. 6- Exposed copper area are provided for GND probe soldering, if required. 7- Offering Low profile design, targeting in-system rackmount or low profile design test & measurement applications.										
Е	<ul> <li>8- Ease of interface with single channel and differential scope probes.</li> <li>9- Fully compatible with Single Ended , -D, and Differential Pair, -DP, Samtec connector QSH QTH series as well as cable assemblies; HQCD , HQDP</li> </ul>										
		10- Mates	with any height a	and form fac	or QSH-060 con	nector series such	as -D -DP, -RA, -EM See ordering informa	configurations.			-
	Electrical:	ss > -2dB @3G	Hz			Loopanananananananananananananananananana					
Τ	Trace impedance: 50 $\Omega$						ZX102QTH-S simplified cross section diagram				
		Samtec Co			℃ rows x 30 pins/ro	147		HDR	yers GND planes	©.277277766	
D		Mates wit	th: Any QSH-06 0197" ( 0.50mm	0-xx formfac	tor	vv		╺╌┙	HDR: Header	H. 2112222186	
			Gold Flash	) p te p k					GND test point		
	Pitch: 0.1" (2.54mm) pin to pin pitch Pin: Square 0.025" (0.635mm)							Samtec QTH connector Host onboard QSH connector			81 81 81 81 81 81 81 81 81 81 81 81 81 8
٦		•	).24" ( 6mm ) Gold Flash				Note: Signal layers	HOST PCB		ZX1020TH- ZEBAX.co	•
с	Application:	Application: Bringup, testing, emulation, development, modular design evalua					Ground layers, Please note – The GND test point is connector to: 1 - Top/Bottom GND fill 2 - The inner layers ground planes 3 - Samtec connector GND blade. Samtec QTH060				
Ĭ	Mates with : Samtec QSH060 QSH020(DP) - Also mates with ANY one bank of QSH060, QSH090, QSH120 : QSH020(DP) QSH040(DP) QSH060(DP) QSH080(DP)										1000
		Compatible				an be left unconned	cted or				71/100
4		Grounded	for improved noi	se immunity.				Compliance	e:	ZX100ACC-SS	ZX102
	Signal assign	ments: Ta	able below exhib	its the assig	ned Samtec pin r	numbers associated	I with the headers	ISO2001 certil RoHs - Lead F		Flying leads wire assemb	oly Part nu ZX102
	for top a	and bottom si	des of the modu	ule.				EU RoHS2			ZX100
в								UL E111594 d ELV- Vehicle [	locument Directive(Directive 2000/EC		ZX1
	ZX102QTH-S header pin a	assignments J1:		10 1 10	70 1 01 1 70			European Unio	on Directive ( 203/11/EC )		Note
	Bottom Headers	J5 <u>8</u> 6 ·	16 24 32 14 22 30	40         48           38         46	56         64         72           54         62         70	80         88         96           78         86         94	104         112         120           102         110         118	RoHs Directive	per IEC-61249-2.21 : 2003 e 2011/65/EU		ALL ZEB
4			12 20 28 10 18 26	36         44           34         42	52         60         68           50         58         66	76         84         92           74         82         90	100         108         116           98         106         114		ve(2012/12/EU)	1/	ZE
		J3 7 15 23 31 39 47 55 63 71 79 87 95 103 5 13 21 29 37 45 53 61 69 77 85 93 101									SAN WWV
	Top         Headers           J2         3         11         19         27         35         43         51         59         67         75         83           Header pin numbers refer to the SAMTEC QTH connector pin number         1         9         17         25         33         41         49         57         65         73         81						99         107         115           97         105         113	107115Certificate of Compliance for Ozone Depleting Substances, ODSSI105113Certificate REACH SVHCA			
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l	opeonications mentioned in this	publication are SUDJE	oo onange without hotice	<ul> <li>2</li> </ul>		2	noiogies products and not authoriz	.ou as in me support device	5 01 3ystems.	6	<u> </u>



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