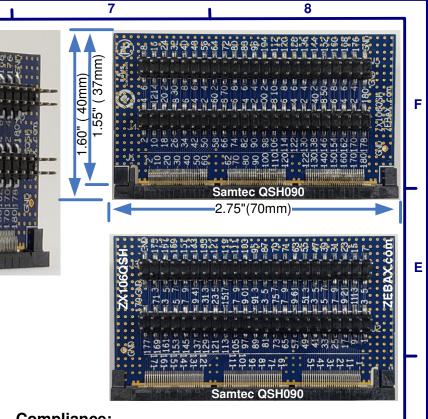
	1		2	1		3	1	4			5		6	1	7		8
	Product Name Product Desci		06-QSH090-			•		st and measu	irement an	nlications:			24 8 4 4 1 4 2 8 8 8 4 7 1 4 7 4 8 8 8 4 7 1 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4	41100000 111111 11111	m) 7mm)	27777777777777777777777777777777777777	
F		servers or netv	vorking system	- Onboard Sam	itec QSH-090 S	Samtec conne	ector, mating v	with QTH-090	connector	series.					1.60" ( 40mm) 1.55" ( 37m	121/ 121/ 1202 1202 1202 1202 1202 1202	72 4 80 2 81 40 2 81 40 2 81 50 81 40 2 81 50 81 6 81 6 81 6 81 6 81 6 81 6 81 6 81 6
	<ul> <li>4- Four layers PCB design, inner layers are GND planes.</li> <li>5- One accessible GND test point, The test point is connected to module's GND planes and direct interface to the connector GND blade.</li> </ul>										130     130     130     130       131     130     130     130     130       130     130     130     130     130       130     130     130     130     130       130     130     130     130     130       130     130     130     130     130       130     130     130     130     130       130     130     130     130     130       120     130     130     130     130       120     120     130     130     130       120     120     130     130     130       120     120     120     120     130       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120     120     140       120     120     120			988985: %888 Samte	c QSH090 70mm)		
Е	<ul> <li>6- Offering Low profile design, targeting in-system rackmount or low profile design test &amp; measurement applications.</li> <li>7- Ease of interface with single channel and differential scope probes.</li> <li>8- Fully compatible with Single Ended , -D, and Differential Pair, -DP, Samtec connector QTH series as well as cable assemblies; HQCD, HQDP</li> <li>9- Mates with any height and form factor QTH-090 connector series such as -D -DP, -RA, -EM configurations.</li> <li>10- Flying lead wire assembly may be used for board to board interface – See ordering information, ZX100ACC-SS</li> </ul>											Samtec QSH	090	TX106OSH. کارہ دیک	#71.53 #157 #5.75 # #157 #5.75 # #156 #7.94 #156 #3139 # 1155 #23.55 # 1156 #23.55 # 1156 #23.55 # 1156 #23.55 # 1156 #129 #105	2013 2013 2013 2015 2015 2015 2015 2015 2015 2015 2015	
-	Electrical:	Trace impedar Operating Terr Samtec Conne	perature: -55°C	C to +125°C	90 pins/row			ZX106- diagram	1	T simplified c	) planes						8 8 2 <u>9 5 6 4 8 8 2 9 5 6 6 4 8 8 2 9 5 6 6 4 8 8 2 9 5 6 6 4 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</u>
D		Mates with: Pitch: 0.019 Plating: Gold Header:	Any QSH-090-x 7"(0.50mm)pi	x formfactor n to pin pitch	·				HDR	H	HDR: Header			ISO20 RoHs EU Ro	<b>pliance:</b> 01 certified - Lead Free MS2 11594 document		
			re 0.025" ( 0.635 " ( 6mm )					Note:	Host onbo	c QSH connector		]	77100400 55	ELV- Y Europ Halog	Vehicle Directive ean Union Directi en Free per IEC-0 Directive 2011/65	( Directive 2000/ ive ( 203/11/EC ) 61249-2.21 : 200	,
с	Application: Mates with :	Samtec QTHC Compatible wit	g, emulation, de 190 QTH080(DP h – differential F Altera's emulatic Development bo	) - Also mates w Pair (DP), unuse on boards/syster	vith HFHM2 Ho d signal can be ns. Interface w	QCD, HQDP e left unconne ith Altera's en	nulation board	1- Top/Bc 2- The inr 3- Samter Inded for impro Is/systems. F	ottom GND fill ner layers ground c connector GND oved noise ully compa	immunity.	s connector to:		ZX100ACC-SS Flying leads wire asse	Certifi Certifi Certifi Certifi	Directive (2012 cate of Compliand cate of Compliand cate of Compliand cate REACH SVH cate of Compliand	ce for Radioactiv ce for Asbestos ce for Ozone De IC	pleting Substances, ODS
11	Signal assign	ments: Table	below exhibits t	he assigned Sa	mtec pin numb	ers associate	d with the hea	aders for top a	and bottom	sides of the	module.		1/	ZX106-QSH	090-ST package	includes:	
в	ZX106-QSH090 pin cor Layer	I3 GND	H090 175 167 15 173 165 15		135 127 133 125	<u>119</u> 111 117 109			79 <u>71</u> 77 <u>6</u> 9	63 55 61 53	47 39 45 37	<u>31</u> 29	23         15         7           21         13         5	Part number ZX106-QSH ZX100ACC-	090-ST 1 SS 0	) Flying leads	eakout Adapter module s wire assembly
	Bottom Headers		171 163 15 169 161 15		131 123 129 121	115 107 113 105	99 91 97 89		75 <u>67</u> 73 <u>65</u>	59 51 57 49	43 35 41 33	27 25	19         11         3           17         9         1		C-SS site page for		ng leads wire assembly
	Top Headers	J5 8 J4 4 J4 2 he SAMTEC QSH connect	16         24         3:           14         22         30           12         20         20           10         18         20           tor pin number         20         20	0 38 46 8 36 44	56         64           54         62           52         60           50         58	72         80           70         78           68         76           66         74	88         96           86         94           84         92           82         90	102 1 <sup>-1</sup>	12         120           10         118           08         116           06         114	128         136           126         134           124         132           122         130	144         152           142         150           140         148           138         146	158	168         176         GND           166         174         GND           164         172         180           162         170         178		X TECH RUZ, CA U.S. AX.COM	A ( 831 ) 2 2 2 –	
Α	Notice		,											SPECIFIE ARE INCH ROHS COM			(106-QSH090-ST
	ALL ZEBAX TECHNOLOGIES I IMPLIED, STATUTORY, OR OT								S IS." ZEBAX MA ITNESS FOR A P	KES NO WARRANTI ARTICULAR PURPO	es, expressed, Se.			DESCRI	PTION: Samt	ec breakout ad	apter HSMC QSH 090
	Information furnished is believed Specifications mentioned in this										esult from its use.			CHECKED: M. N		RAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1
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PECIFIED DIMENSIO	NS .	ASSEMBLY DRAWING							
RE INCHES (MM). OHS COMPLIANT		ITEM: ZX106-QSH090-ST							
ESCRIPTION: Sa	imtec	breakout	adapter	HSMC QSH 090					
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