

QSH QTH 030						
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M. MARINA			SHEET: 1 OF 2			
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	Product Name: ZX101RK Rackmount Samtec Breakout Adapter QSH QTH 030 - Page 2 of 2		
F	Differential Signaling: ZX101RK rackmount Samtec breakout adapter is designed for general test and measurement applications. It is designed to interface with single channel and differential scope probes. It is fully compatible with the Samtec Q-Strip QSH QTH Single Ended , -D option , and Differential Pair, -DP option , Samtec connector QSH QTH series as well as cable assemblies; HQCD , HQDP. For applications requiring QSH020 (-DP) or QTH020(-DP) , The ZX101RK provides an extra unused pin. It is advised to leave unused pins unconnected or connected to system Ground for improved noise immunity.		F
-	Breakout Access: The ZX101RK rackmount Samtec breakout adapter provides breakout access via onboard headers. ZX101RK header pin assignments table on page 1 lists the header's pin representing the associated Samtec QTH/QSH connector's pin number.		$\left \right $
E	E Ground Access : ZX101RK rackmount Samtec breakout adapter provides 2 test points which are connected to module's GND planes and have direct interface to Samtec connectors' GND blades. There are several exposed copper on top and bottom layers of ZX101RK. These exposed coppers are connected to the modules GND planes		E
	similar to the GND test points. In order to improve signal integrity, please connect one of the GND test points to your nearest system GND reference.		
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