

NEWS LETTER

Introducing in-system low profile breakout adapter

Offering Samtec, TE breakout adapter in low profile rackmount applications operating DC to 3GHZ

Zebax Technologies low profile rackmount breakout adapters meeting real-time in-system test & measurement needs.

- 1- The low profile breakout adapters are designed to meet DC to 3GHz bandwidth
- 2- Designed to meet low profile application needs, enabling real-time in-system test & measurement
- 3- Supports Single Ended and Differential signaling applications.
- 4- Multi-layers PCB design for improved signal integrity and reduced crosstalk.
- 5- All listed breakout adapters have onboard 0.1" (2.54mm) pitch headers

Zebax low profile rackmount Breakout Adapter modules cover the following Samtec and TE connector series:

- Samtec QTH QSH connector series
- Samtec BTH BSH connector series
- Samtec QTS QSS connector series
- Samtec QTE QSE (compatible with TE : Mictor SB) connector series
- Tyco Electronics —TE Mictor connector series

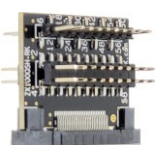
Subsequent sections explore each above listed Breakout Adapter. Please visit our listed site pages for other breakout modules in the connector series group.

Samtec QSH QTH 0.5mm pitch Q-Strip

Zebax offering low profile rackmount breakout adapter covering Samtec QSH QTH Q-Strip connector series, listed below. Please follow provided link to access the module's datasheet:

Module	Rows	pins per row	Onboard Connector	Mates with
ZX100QTH-RK	2	30	QTH 030	QTH 030
ZX100QSH-RK	2	30	QSH 030	QTH 030
ZX101LP	2	30	QSH QTH 030	QSH QTH 030
ZX101RK	2	30	QSH QTH 030	QSH QTH 030
ZX102QSH-RK	2	60	QTH 060	QSH 060
ZX102QTH-RK	2	60	QSH 060	QTH 060
ZX103-RK	2	60	QSH QTH 060	QSH QTH 060

Application: in-system rackmount loopback test & measurement



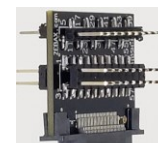
[ZX100QTH-RK](#) [ZX100QSH-RK](#) [ZX101LP](#) [ZX101RK](#) [ZX102QSH-RKL](#) [ZX102QTH-RK](#) [ZX103-RK](#)

Samtec BSH BTH 0.5mm pitch Basic Blade & Beam

Zebax offering low profile rackmount breakout adapter covering Samtec BSH BTH Basic Blade & Beam connector series, listed below. Please follow provided link to access the module's datasheet:

Module	Rows	pins per row	Onboard Connector	Mates with
ZX131BSH-RK	2	30	BSH 030	BTH 030
ZX131BTH-RK	2	30	BTH 030	BSH 030
ZX131LP	2	30	BSH BTH 030	BSH BTH 030
ZX131RK	2	30	BSH BTH 030	BSH BTH 030

Application: in-system rackmount loopback test & measurement



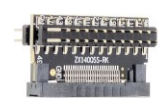
[ZX131BSH-RK](#) [ZX131BTH-RK](#) [ZX131LP](#) [ZX131RK](#)

Samtec QSS QTS 0.635mm (0.025") Q Strip

Zebax offering low profile rackmount breakout adapter covering Samtec QSS QTS Q-Strip connector series, listed below. Please follow provided link to access the module's datasheet:

Module	Rows	pins per row	Onboard Connector	Mates with
ZX140QTS-RK	2	25	QTS 025	QSS 025
ZX140QSS-RK	2	50	QSS 025	QTS 025

Application: in-system rackmount loopback test & measurement



[ZX140QTS-RK](#) [ZX140QSS-RK](#)

Samtec QSE QTE 0.8mm (0.0315") Q Strip TE: Mictor SB

Zebax offering low profile rackmount breakout adapter covering Samtec QSE QTE Q-Strip and TE Mictor SB connector series, listed below. Please follow provided link to access the module's datasheet:

Module	Rows	pins per row	Onboard Connector	Mates with
ZX145QSE-RK	2	20	QSE 020	QTE 020 / Mictor SB Plug
ZX145QTE-RK	2	20	QTE 020	QSE 020 / Mictor SB Receptacle

Application: in-system rackmount loopback test & measurement



[ZX145QSE-RK](#) [ZX145QTE-RK](#)

TE Mictor 0.8mm (0.0315")

Zebax offering offering low profile rackmount breakout adapter covering TE Mictor connector series, listed below. Please follow provided link to access the module's datasheet:

Module	Rows	pins per row	Onboard Connector	Mates with
ZX104LN-RK	2	19	Mictor Plug	Mictor Receptacle
ZX104LNR-RK	2	19	Mictor Receptacle	Mictor Plug
ZX104WS	2	19	Mictor Plug	Mictor Receptacle

Application: in-system rackmount loopback test & measurement



[ZX104LN-RK](#) [ZX104LNR-RK](#) [ZX104WS](#)