Ε

D

Product Name: ZX122xB – PCISIG M.2 NGFF passive breakout adapter module offering all KEY type combinations

Breakout Access: All ZX122xB breakout adapters provide breakout access via onboard 0402 SMD shunts landing pads. All signals are accessible on top layer of the module. Dedicated GND test point interfacing with the inner ground layers + top/bottom GND fills.

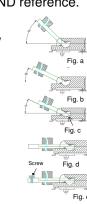
ZX122xB Ground Access: ZX122xB provides exposed copper or GND test point (depending to ZX122xB model) for accessing the module's ground reference. The ZX122xB is 4 layers PCB design, where the 2 inner layers are used as the module's ground reference. The Ground stitching vias, the top / bottom ground fills and the inner ground planes are all interconnected, hence referred as "GND". The exposed copper or the GND test point (depending to ZX122xB model) provide access to the ZX122xB GND reference. The exposed coppers provides ease of access to ZX122xB GND reference.

In order to improve signal integrity, please connect one of the exposed copper or the GND test point to your nearest system GND reference.

Module Insertion, Removal process: In order to avoid any mechanical stress or damage to ZX122xB, please follow the below listed guidelines for insertion and removal process:

- 1- Move the Module against the housing chamber, see figure a
- 2- Rotate module to 25°, insert it until the module surface reaches the ramp, figure b, c
- 3- Rotate the module to horizontal position, see figure d
- 4- Fix the module by screw, see figure e

ZX122xB part numbers: ZX122xB is offered in 7 different M.2 Key types, serving variety of PCISIG M.2 breakout applications. Below are ZX122xB modules for reference.











Note ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated

ZEBAX TECHNOLOGIES

SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WWW.ZEBAX.COM

SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT

ASSEMBLY DRAWING

ITEM: ZX122xB M.2 NGFF PCISIG

PCISIG M.2 NGFF passive breakout module DESCRIPTION: keys A A-E B B-M C E and M

CHECKED: M. MARINA

DRAWN:

REVISSION: 1.0

В

ALL ZEBAX TECHNOLOGIES DESIGN SPECIFICATIONS, DRAWINGS, PUBLICATIONS, AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED "AS IS." ZEBAX MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NO INFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE

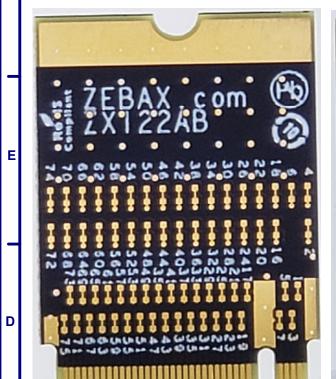
Information furnished is believed to be accurate and reliable. However, Zebax Technologies assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. Specifications mentioned in this publication are subject to change without notice. This publication replaces all other information previously supplied. Zebax Technologies products are not authorized as in life support devices or system

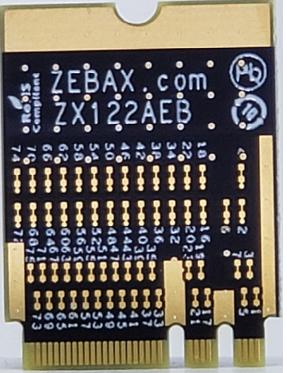
SONYA

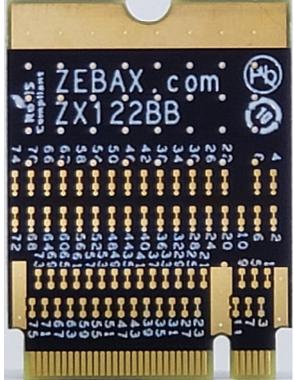
SHEET: 2 OF 3

Product Name: ZX122xB – PCISIG M.2 NGFF passive breakout adapter module offering all KEY type combinations

ZX122xB part numbers: ZX122xB is offered in 7 different M.2 Key types, serving variety of PCISIG M.2 breakout applications. Below are few ZX122xB modules reference.

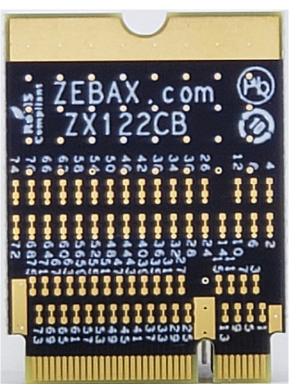


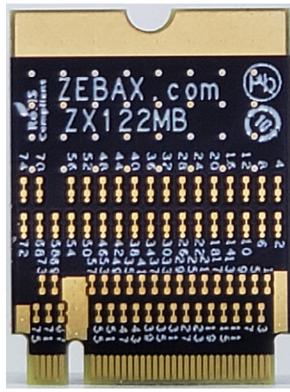












Ordering Information:

Part number F ZX122AB ZX122AEB	PCB Edge Key A Key A-E	Mates with Key A Key A or Key E	Description PCISIG M.2 passive breakout module PCISIG M.2 passive breakout module
ZX122BB ZX122BMB	Key B Key B-M	Key B Key B or Key M	PCISIG M.2 passive breakout module PCISIG M.2 passive breakout module
ZX122CB ZX122EB ZX122MB	Key C Key E Key M	Key C Key E Key M	PCISIG M.2 passive breakout module PCISIG M.2 passive breakout adapter PCISIG M.2 passive breakout adapter

ZX00BC2PH30 30AWG Bare Copper wire to pin header wire assembly

ZX00BC2PH30 site page for ordering ZX00BC2PH30 wire assembly

Note ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated

ZEBAX TECHNOLOGIES SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WWW.ZEBAX.COM ASSEMBLY DRAWING SPECIFIED DIMENSIONS ARE INCHES (MM). ITEM: ZX122xB M.2 NGFF PCISIG ROHS COMPLIANT

PCISIG M.2 NGFF passive breakout module **DESCRIPTION:**

keys A A-E B B-M C E and M CHECKED:

Information furnished is believed to be accurate and reliable. However, Zebax Technologies assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. Specifications mentioned in this publication are subject to change without notice. This publication replaces all other information previously supplied. Zebax Technologies products are not authorized as in life support devices or system

ALL ZEBAX TECHNOLOGIES DESIGN SPECIFICATIONS, DRAWINGS, PUBLICATIONS, AND OTHER DOCUMENTS (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED "AS IS." ZEBAX MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NO INFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.

M. MARINA

DRAWN: SONYA

REVISSION: 1.0 SHEET: 3 OF 3 В