

PRODUCT UPDATE NOTIFICATION

Date issued: September 4th, 2024

Effective date: Immediately

Document tracking: PCN-TS-2436-01

Products affected

Article Nr	Variant	Model	Description
11317	All	MP301-S	Techship M.2 key B to mPCIe adapter (USB2 + PCI Express x1)

Summary

With the introduction of the new, updated Techship MP302-ES adapter, the legacy Techship MP301-S adapter is no longer kept in stock and is now available on a build-to-order basis only with a minimum order quantity of 500pcs.

The recommended replacement item is **12303 Techship MP302-ES Adapter**. It is similar in product design and routes the same primary data interface signals between host board and the M.2 cellular modem. The replacement item is normally kept in stock by Techship.

Details of change

- Single nano/4FF SIM card holder available for the primary SIM interface in M.2 socket. Second SIM interface in the M.2 socket is routed to PCB pads for an optional MFF2 eSIM circuit onboard (the eSIM IC not populated on the default/generic variant).
- The M.2 socket pin 20 signal is now by default pulled high to 1.8V by a 10k resistor. By using a jumper shunt on the JS1 pin-header, the signal will be directly pulled to ground. This product change improves the support for the Telit FN990 product series when used in PCIe data mode.
- The PCB change is minor with no active components changed, so no impact on existing certification test results expected when migrating from Techship MP301-S to Techship MP302-ES adapter.

For additional details, please refer to MPx01-S series hardware guide and the MP302-ES series hardware guide, available on the techship.com product pages.

If you have any question relating to this product update notification, please contact Techship technical support, product team or your sales representative for more information.