

**Product Change Notification – PCN # PCN000684**

 2<sup>nd</sup> January 2020

Dear Valued Customer:

The purpose of this letter is to inform you that Moxa is planning to implement a change to certain products. Please review the detailed information given below to determine how these changes will affect your products and/or processes. If you have any questions regarding these changes, please contact the person listed below.

**Subject:**

- TN-4516A-12PoE-4GPoE-WV-T V1.0 changes to TN-4516A-12PoE-4GPoE-WV-T V1.1
- TN-4516A-12PoE-4GPoE-WV-CT-T V1.0 changes to TN-4516A-12PoE-4GPoE-WV-CT-T V1.1
- TN-4516A-12PoE-2GPoE-2GTXPB-WV-T V1.0 changes to TN-4516A-12PoE-2GPoE-2GTXPB-WV-T V1.1
- TN-4516A-12PoE-2GPoE-2GTXPB-WV-CT-T V1.0 changes to TN-4516A-12PoE-2GPoE-2GTXPB-WV-CT-T V1.1
- TN-4516A-12PoE-2GPoE-2GODC-WV-T V1.0 changes to TN-4516A-12PoE-2GPoE-2GODC-WV-T V1.1
- TN-4516A-12PoE-2GPoE-2GODC-WV-CT-T V1.0 changes to TN-4516A-12PoE-2GPoE-2GODC-WV-CT-T V1.1
- TN-4524A-16PoE-WV-T V1.0 changes to TN-4524A-16PoE-WV-T V1.1
- TN-4524A-16PoE-WV-CT-T V1.0 changes to TN-4524A-16PoE-WV-CT-T V1.1
- TN-4528A-16PoE-4GPoE-WV-T V1.0 changes to TN-4528A-16PoE-4GPoE-WV-T V1.1
- TN-4528A-16PoE-4GPoE-WV-CT-T V1.0 changes to TN-4528A-16PoE-4GPoE-WV-CT-T V1.1
- TN-4528A-16PoE-2GPoE-2GTXPB-WV-T V1.0 changes to TN-4528A-16PoE-2GPoE-2GTXPB-WV-T V1.1
- TN-4528A-16PoE-2GPoE-2GTXPB-WV-CT-T V1.0 changes to TN-4528A-16PoE-2GPoE-2GTXPB-WV-CT-T V1.1
- TN-4528A-16PoE-2GPoE-2GODC-WV-T V1.0 changes to TN-4528A-16PoE-2GPoE-2GODC-WV-T V1.1
- TN-4528A-16PoE-2GPoE-2GODC-WV-CT-T V1.0 changes to TN-4528A-16PoE-2GPoE-2GODC-WV-CT-T V1.1

**Service Level:** Basic

**Effective Date:** January, 2020

**Customer Model Names/ Current Version/ New Version:**

Model Name	Current Version	New Version
TN-4516A-12PoE-4GPoE-WV-T	V1.0	V1.1
TN-4516A-12PoE-4GPoE-WV-CT-T	V1.0	V1.1
TN-4516A-12PoE-2GPoE-2GTXPB-WVT	V1.0	V1.1
TN-4516A-12PoE-2GPoE-2GTXPB-WV-CT-T	V1.0	V1.1
TN-4516A-12PoE-2GPoE-2GODC-WV-T	V1.0	V1.1
TN-4516A-12PoE-2GPoE-2GODC-WV-CT-T	V1.0	V1.1
TN-4524A-16PoE-WV-T	V1.0	V1.1

TN-4524A-16PoE-WV-CT-T	V1.0	V1.1
TN-4528A-16PoE-4GPoE-WV-T	V1.0	V1.1
TN-4528A-16PoE-4GPoE-WV-CT-T	V1.0	V1.1
TN-4528A-16PoE-2GPoE-2GTXBP-WV-T	V1.0	V1.1
TN-4528A-16PoE-2GPoE-2GTXBP-WV-CT-T	V1.0	V1.1
TN-4528A-16PoE-2GPoE-2GODC-WV-T	V1.0	V1.1
TN-4528A-16PoE-2GPoE-2GODC-WV-CT-T	V1.0	V1.1

### **Change Description:**

1. In order to reduce the input voltage stress of MOSFET component in internal power supply unit (PSU), the inrush limiter and MOSFET related circuits have been improved and strengthened.
2. Based on EMC and Environmental tests of EN50155, the design is confirmed with no side effect.
3. This PSU circuit change doesn't impact existing product specifications including product outlook, form, fit, function, and certificates.

### **Delivery Schedule:**

The TN-4500A PoE Series V1.1 will be available to order starting from January 1<sup>st</sup>, 2020, and will be ready for shipment by March 31<sup>st</sup>, 2020.

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Note: For questions, contact the [Yiwei.chen@moxa.com](mailto:Yiwei.chen@moxa.com) or your regional sales contact.