Moxa Inc.
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Product Change Notification – PCN # PCN000650
25 September 2020

Dear Valued Customer:

We would like 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:
The NPort 6150 Series and NPort 6250 Series will change due to a component's end of life. Furthermore, we have added a door at the bottom of the device that enables users to adjust resistors with a DIP switch, without opening the case.

Service Level: Basic

Effective Date: November, 2020

Model Names/ Current Version/ New Version:

Model Name	Current Version	New Version
NPort 6150	1.5.1	1.6.0
NPort 6150-T	1.5.1	1.6.0
NPort 6250	1.5.1	1.6.0
NPort 6250-T	1.5.1	1.6.0
NPort 6250-M-SC	1.5.1	1.6.0
NPort 6250-M-SC-T	1.5.1	1.6.0
NPort 6250-S-SC	1.5.1	1.6.0
NPort 6250-S-SC-T	1.5.1	1.6.0

Change Description:

1. Component Changes:

Changed Items	Change Reasons	Impact
Flash memory	Component end of life.	Flash change requires a firmware upgrade. The old firmware (V1.17 or earlier) will not be able to run on the new hardware (V1.6.0).
Crystal	Component end of life.	NA

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2. Firmware Compatibility

With the above changes, the new firmware version is still backward compatible, however, please note:

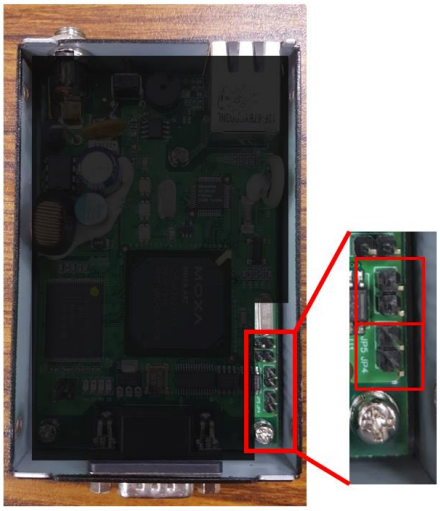
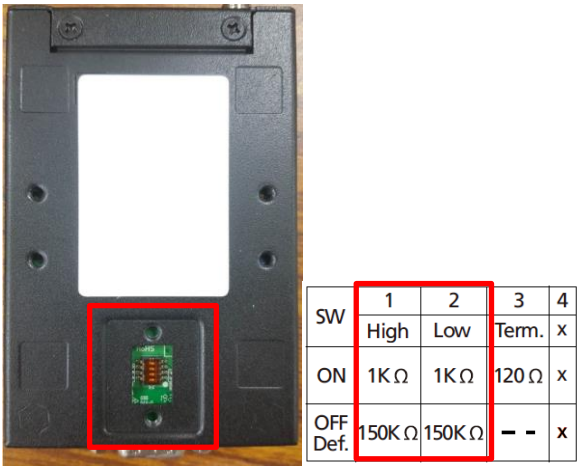
- The old firmware versions (V1.17 or earlier) will not be able to run on the new version hardware (V1.6.0 or later). If you have to use the fixed firmware, please contact your regional sales contact.
- The old version hardware (V1.5.1 or earlier) can be directly upgraded to the new version firmware (V1.18 or later), with keeping the existing functions and including the firmware improvements.

Firmware version / Hardware version	Current (V1.17)	New (V1.18 or later)
Current (V1.5.1)	OK	OK
New (V1.6.0 or later)	Not compatible	OK

3. Function Changes:

The DIP switch for pull high/low resistors will be changed, and you could modify the DIP switch without opening the top case. In addition, you could also turn on/off the 120-ohm terminal resistor.

NPort 6150 Series

Changed Items	V1.5.1	V1.6.0
Pull High/Low Resistors	 Open the case and use a jumper to set the pull high/low resistors. Short the JP4 and JP5 to set this value to 1 kilo-ohm.	 Open the back door with a screwdriver and use the DIP switch to set the pull high/low resistors.

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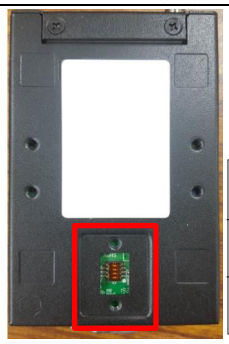
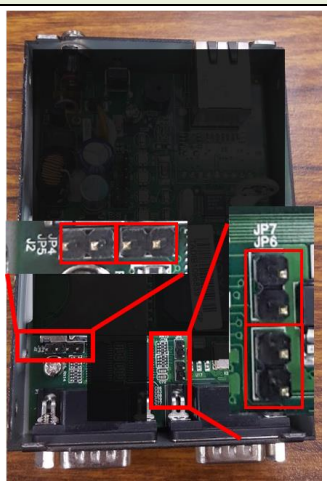
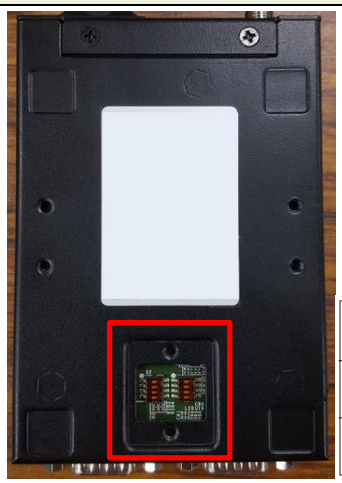
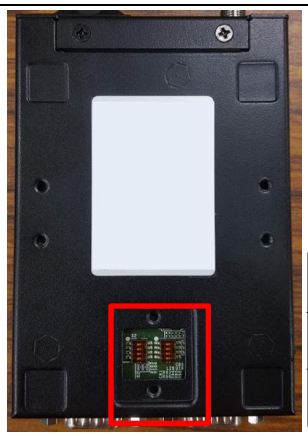
Terminal Resistor	None	 SW | 1 High | 2 Low | 3 Term. | 4 x ON | 1KΩ | 1KΩ | 120Ω | x OFF Def. | 150KΩ | 150KΩ | – – | x Open the back door with a screwdriver and use the DIP switch to set the terminal resistor.

NPort 6250 Series

Changed Items	V1.5.1	V1.6.0
Pull High/Low Resistors	 Open the case and use a jumper to set the pull high/low resistors. Short the JP4, JP5, JP6, and JP7 to set this value to 1 kilo-ohm.	 SW | 1 High | 2 Low | 3 Term. | 4 x ON | 1KΩ | 1KΩ | 120Ω | x OFF Def. | 150KΩ | 150KΩ | – – | x Open the back door with a screwdriver and use the DIP switch to set the pull high/low resistors.
Terminal Resistor	None	 SW | 1 High | 2 Low | 3 Term. | 4 x ON | 1KΩ | 1KΩ | 120Ω | x OFF Def. | 150KΩ | 150KΩ | – – | x Open the back door with a screwdriver and use the DIP switch to set the terminal resistor.

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Note:

1. The effective schedule of this transition may be changed based on stock availability. Please contact Product Manager for the most up-to-date schedule.

Note: For questions, contact the Sean Chou (seansh.chou@moxa.com) or your regional sales contact.