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| CP6924 – Errata Sheet |  | |
| Errata for Kontron CP6924 Ethernet Switch For SW versions: <ul style="list-style-type: none"> • SW GA Release 2.01 and older For HW versions: <ul style="list-style-type: none"> • BETA and released (PCB ID 1055-6338) • All variants | | |
| | Date: | 2014-07-21 |
| | Version: | 2.01 |

Document Version History

| Revision | Issue Date | Description |
|-----------|------------|--|
| 2.01.0000 | 2014-05-26 | Document revision for GA 2.01 SW Release |
| 2.01.0001 | 2014-07-21 | Added Errata #6 and #7 |
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Errata Short Overview

| Erratum # | Erratum Short Description | Applies to Revision/Release | |
|------------|--|-----------------------------|---------|
| | | previous | current |
| Erratum #1 | Mirrored packet sent tagged if mirroring port is egress port | GA 2.00 | GA 2.01 |
| Erratum #2 | Ethernet counters not as expected for ENDURO chip | GA 2.00 | GA 2.01 |
| Erratum #3 | Using "show board version" may cause unpredictable behavior due to a memory leak | GA 2.00 | - |
| Erratum #4 | uboot version string includes extra characters | GA 2.00 | GA 2.01 |
| Erratum #5 | Some CP6924-RC-C are not coated | BETA | - |
| Erratum #6 | autoinstall feature not working | GA 2.00 | GA2.01 |
| Erratum #7 | Reading IPMI SEL via SNMP causes system crash | GA 2.00 | GA2.01 |

Errata applicable to Release GA 2.01

Erratum #1 Mirrored packet sent tagged if mirroring port is egress port

Internal Reference

Track+ #4720

Description

Mirrored packet is sent tagged if mirroring port is egress side although the packet on the mirroring port is sent untagged.

Applies to Revision

GA 2.00, GA 2.01

Workaround

None

Fixed in Revision

Won't be fixed.

Erratum #2 Ethernet counters not as expected for ENDURO chip

Internal Reference

Track+ #4721

Description

The not expected ethernet counters are affected only if sending oversized packets (>1518). The total counters are always correct, the detailed counters are sometimes not as expected. Note that the packets are correctly switched.

Applies to Revision

GA 2.00, GA 2.01

Workaround

None

Fixed in Revision

Won't be fixed.

Erratum #4 uboot version string includes extra characters

Internal Reference

Track+ #4723

Description

The bootloader release version string includes the extra characters "-00107". In GA-2.01 the extra characters have been removed, but with the consequence that also the commit is now missing. The erratum is therefore still valid as the bootfw version cannot be parsed by the application.

Applies to Revision

GA 2.00, GA 2.01

Workaround

None

Fixed in Revision

Will be fixed in next GA release

Erratum #6 autoinstall feature not working

Internal Reference

Track+ #4740

Description

The autoinstall feature, setting startup-config files related to addresses (slot/system) is not working because the address tokens has changed.

Applies to Revision

GA 2.00, GA 2.01

Workaround

None

Fixed in Revision

Will be fixed in next GA release

Erratum #7 Reading IPMI SEL via SNMP causes system crash

Internal Reference

Track+ #4741

Description

Before reading the SEL a refresh is requested. Each time this refresh adds all SEL entries (not only the new ones) to the already read entries. After some refresh calls and depending of the number of entries in the SEL the buffer is overwritten.

Applies to Revision

GA 2.00, GA 2.01

Workaround

None

Fixed in Revision

Will be fixed in next GA release

Errata applicable to Release GA 2.00

Erratum #3 Using "show board version" may cause unpredictable behavior due to a memory leak

Internal Reference

Track+ #4722

Description

An increasing memory leak with using the "show board version" CLI command or related SNMP functionality may cause unpredictable system behavior.

Applies to Revision

GA 2.00

Workaround

None

Fixed in Revision

Fixed in release GA 2.01

Erratum #5: Some CP6924-RC-C are not coated

Internal Reference

n/a

Description

The 1055-2672 CP6924-RC-C series revision will be provided with conformal coating. This is not the case for all BETA revisions.

The CP6924-RC-C without coating also have an earlier version of the conduction cooled frame. Functional and thermal behavior is however not affected.

Applies to Revision

BETA

Workaround

None

Fixed in Revision

Rev 10 (released)