

## Product Change Notice (PCN)

**Subject:** Firmware update from version 4.8 to version 4.8.7

**Publication Date:** 2/14/2020

**Effective Date:** 5/14/2020

**Revision Description:**

Initial Release

**Description of Change:**

The firmware has been updated from version 4.8 to version 4.8.7. See the attached document titled "8A3xxx Firmware Version 4.8.7 Release Notes" for descriptions of the firmware changes.

The ClockMatrix firmware is stored in the device using Read Only Memory (ROM). The firmware was updated by changes to the Via2 layer. The Via2 layer ROM changes were the only changes to the 8A3xxx devices.

There is no change to the orderable part number. The current version of this device will be discontinued as of the effective date on this notice. For further information please contact your local IDT sales and distribution channels.

**Affected Product List:** Refer Appendix B

**Reason for Change:**

Continuous improvement

**Impact on Fit, Form, Function, Quality & Reliability:**

Regression testing of the v4.8.7 firmware has been successfully completed. No change to the form or fit of the device except for the changes described in the document titled "8A3xxx Firmware Version 4.8.7 Release Notes".

**Product Identification:**

Product Mark: "ZA" die step on mark

**Qualification Status:** Qual by Similarity based on previous revision

**Sample Availability Date:** 2/14/2020

**Device Material Declaration:** Available upon request

Note:

1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.
2. If timely acknowledgement is provided by Customer, then Customer shall have 90 days from the date of receipt of this PCN to make any objections to this PCN. If Customer fails to make objections to this PCN within 90 days of the receipt of the PCN then Renesas will consider the PCN changes as approved.
3. If customer cannot accept the PCN then customer must provide Renesas with a last time buy demand and purchase order.

For additional information regarding this notice, please contact [idt-pcn@lm.renesas.com](mailto:idt-pcn@lm.renesas.com)

**Appendix B - Affected Product List**

8A35000E-000AJG	8A35025E-000NLG8	8A34002E-000NLG	8A34041E-999AJG
8A35000E-000AJG8	8A35025ENLG	8A34002E-000NLG#	8A34041E-999AJG8
8A35000EAJG	8A35025ENLG#	8A34002E-000NLG8	8A34041EAJG
8A35000EAJG8	8A35025ENLG8	8A34002E-003NLG	8A34041EAJG8
8A35001E-000AJG	8A35027E-000NLG	8A34002E-003NLG8	8A34042E-000NLG
8A35001E-000AJG8	8A35027E-000NLG#	8A34002ENLG	8A34042E-000NLG#
8A35001E-001AJG	8A35027E-000NLG8	8A34002ENLG#	8A34042E-000NLG8
8A35001E-001AJG8	8A35027E-001NLG	8A34002ENLG8	8A34042E-001NLG
8A35001E-002AJG	8A35027E-001NLG#	8A34003E-000NBG	8A34042E-001NLG8
8A35001E-002AJG8	8A35027E-001NLG8	8A34003E-000NBG#	8A34042ENLG
8A35001EAJG	8A35027E-003NLG	8A34003E-000NBG8	8A34042ENLG#
8A35001EAJG8	8A35027E-003NLG8	8A34003ENBG	8A34042ENLG8
8A35003E-000AJG	8A35027E-103NLG	8A34003ENBG#	8A34043E-000NBG
8A35003E-000AJG8	8A35027ENLG	8A34003ENBG8	8A34043E-000NBG#
8A35003E-001AJG	8A35027ENLG#	8A34004E-000NBG	8A34043E-000NBG8
8A35003E-001AJG8	8A35027ENLG8	8A34004E-000NBG#	8A34043E-001NBG
8A35003E-002AJG	8A35029E-001AJG	8A34004E-000NBG8	8A34043E-001NBG#
8A35003E-002AJG8	8A35029E-001AJG8	8A34004ENBG	8A34043E-001NBG8
8A35003EAJG	8A35029EAJG	8A34004ENBG#	8A34043ENBG
8A35003EAJG8	8A35029EAJG8	8A34004ENBG8	8A34043ENBG#
8A35004E-000NLG	8A35032E-000AJG	8A34011E-000AJG	8A34043ENBG8
8A35004E-000NLG#	8A35032E-000AJG8	8A34011E-000AJG8	8A34044E-000NLG
8A35004E-000NLG8	8A35032E-004AJG	8A34011EAJG	8A34044E-000NLG#
8A35004ENLG	8A35032E-004AJG8	8A34011EAJG8	8A34044E-000NLG8
8A35004ENLG#	8A35032EAJG	8A34012E-000NLG	8A34044E-500NLG
8A35004ENLG8	8A35032EAJG8	8A34012E-000NLG#	8A34044E-500NLG8
8A35012E-000NLG	8A35036E-000AJG	8A34012E-000NLG8	8A34044ENLG
8A35012E-000NLG#	8A35036E-000AJG8	8A34012ENLG	8A34044ENLG#
8A35012E-000NLG8	8A35036E-001AJG	8A34012ENLG#	8A34044ENLG8
8A35012ENLG	8A35036E-001AJG8	8A34012ENLG8	8A34045E-000NLG
8A35012ENLG#	8A35036EAJG	8A34013E-000NBG	8A34045E-000NLG#
8A35012ENLG8	8A35036EAJG8	8A34013E-000NBG#	8A34045E-000NLG8
8A35024E-000NLG	8A34001E-000AJG	8A34013E-000NBG8	8A34045E-001NLG
8A35024E-000NLG#	8A34001E-000AJG8	8A34013ENBG	8A34045E-001NLG#
8A35024E-000NLG8	8A34001E-001AJG	8A34013ENBG#	8A34045E-001NLG8
8A35024ENLG	8A34001E-001AJG8	8A34013ENBG8	8A34045E-003NLG
8A35024ENLG#	8A34001E-002AJG	8A34041E-000AJG	8A34045E-003NLG#
8A35024ENLG8	8A34001E-002AJG8	8A34041E-000AJG8	8A34045E-003NLG8
8A35025E-000NLG	8A34001EAJG	8A34041E-001AJG	8A34045E-005NLG
8A35025E-000NLG#	8A34001EAJG8	8A34041E-001AJG8	8A34045E-005NLG#

**Appendix B - Affected Product List**

8A34045E-005NLG8	8A34045ENLG8	8A34046E-001NLG#	8A34046ENLG
8A34045E-500NLG	8A34046E-000NLG	8A34046E-001NLG8	8A34046ENLG#
8A34045E-500NLG8	8A34046E-000NLG#	8A34046E-002NLG	8A34046ENLG8
8A34045ENLG	8A34046E-000NLG8	8A34046E-002NLG#	
8A34045ENLG#	8A34046E-001NLG	8A34046E-002NLG8	