



Product Change Notification / SYST-22ETPM635

Date:

24-Mar-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - SAM D20 Family Silicon Errata

Affected CPNs:

[SYST-22ETPM635_Affected_CPN_03242021.pdf](#)

[SYST-22ETPM635_Affected_CPN_03242021.csv](#)

Notification Text:

SYST-22ETPM635

Microchip has released a new Product Documents for the SAM D20 Family Silicon Errata of devices. If you are using one of these devices please read the document located at [SAM D20 Family Silicon Errata](#).

Notification Status: Final

Description of Change: Added a new Errata: 1.5.21 Potential lockup on standby entry
Updated the Data Sheet Revision letter.

Updated the Data Sheet Clarifications section with the following clarifications:

- 2.4 WDT Window Default Value in NVM User Row
- GCLK GENDIV Register Properties
- SYSCTRL XOSC.AMPGC Bit Field Description
- SYSCTRL XOSC.GAIN Bit Field Description
- 2.5 NVMCTRL LOCK register
- 2.6 ADC Wake-up Interrupts
- 2.8 DAC Maximum Input Clock Frequency for SAM D20 at 85° and 105°
- 2.7 DAC Chapter Updates
- 2.11 Junction Temperature for SAM D20 at 105°C
- 2.12 Moisture Sensitivity Level
- 2.13 Power Supply Schematic

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 24 Mar 2021

NOTE: Please be advised that this is a change to the document only the product has not been changed.

Markings to Distinguish Revised from Unrevised Devices: N/A

Attachments:

[SAM D20 Family Silicon Errata](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.