



Product Change Notification / SYST-30SWJM204

Date:

03-Jun-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ATtiny1624/1626/1627 Silicon Errata and Data Sheet Clarifications

Affected CPNs:

[SYST-30SWJM204_Affected_CPN_06032024.pdf](#)

[SYST-30SWJM204_Affected_CPN_06032024.csv](#)

Notification Text:

SYST-30SWJM204

Microchip has released a new Document for the ATtiny1624/1626/1627 Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at

[ATtiny1624/1626/1627 Silicon Errata and Data Sheet Clarifications.](#)

Notification Status: Final

Description of Change:

- Document:
 - Editorial updates
- Added new errata:
 - Device: 2.2.2. Writing the OSCLOCK Fuse in FUSE.OSCCFG to '1' Prevents Automatic Loading of Calibration Values
 - NVMCTRL: 2.5.1. Wrong Reset Value of NVMCTRL.CTRLA Register
 - USART: 2.8.3. Receiver Non-Functional after Detection of Inconsistent Synchronization Field
- Added new data sheet clarifications:
 - I/O Multiplexing and Considerations:
 - 3.1.1. I/O Multiplexing

– Electrical Characteristics:

- 3.2.1. I/O Pin Characteristics
- 3.2.2. SPI - Timing Characteristics
- 3.2.3. Programming Time

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 02 June 2024

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:

[ATtiny1624/1626/1627 Silicon Errata and Data Sheet Clarifications](#)

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.

Affected Catalog Part Numbers (CPN)

ATTINY1626-MFVA1
ATTINY1624-SSF
ATTINY1624-SSFVAO
ATTINY1624-XF
ATTINY1626-XF
ATTINY1626-SF
ATTINY1626-MF
ATTINY1626-MFVAO
ATTINY1627-MF
ATTINY1624-SSU
ATTINY1624-XU
ATTINY1626-XU
ATTINY1626-SU
ATTINY1626-MU
ATTINY1627-MU
ATTINY1627-MUVAO
ATTINY1624-SSUR
ATTINY1624-XUR
ATTINY1626-XUR
ATTINY1626-SUR
ATTINY1626-MUR
ATTINY1627-MUR
ATTINY1627-MURVAO
ATTINY1626-MFRVA1
ATTINY1624-SSFR
ATTINY1624-SSFRVAO
ATTINY1624-XFR
ATTINY1626-XFR
ATTINY1626-SFR
ATTINY1626-MFR
ATTINY1626-MFRV01
ATTINY1626-MFRVAO
ATTINY1627-MFR