Customer Information Notification | 202007047I

Issue Date: 03-Aug-2020
Effective Date: 04-Aug-2020

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online

This notice is NXP Company Proprietary.

Management Summary

New Revisions Datasheet and User Manual for following products:
- JN5188(T), JN5189(T)
- QN9030(T), QN9090(T)
- K32W041/ K32W061

Change Category

[ ] Wafer Fab Process	[ ] Assembly Process	[ ] Product Marking	[ ] Test Location	[ ] Design
[ ] Wafer Fab Materials	[ ] Assembly Materials	[ ] Mechanical Specification	[ ]Test Process	[ ] Errata
[ ] Wafer Fab Location	[ ] Assembly Location	[ ] Packing/Shipping/Labeling	[ ] Test Equipment	[ ] Electrical spec./Test coverage
[ ] Firmware	[X] Other - Datasheet / User Manual			

JN5188/89 - QN9030/9090 - K32W041/061 Datasheet New Revision

Description

Datasheets and User Manuals for the following products were updated:
JN5188, JN5188T, JN5189, JN5189T, QN9030, QN9030T, QN9090, QN9090T, K32W041, K32W061.

DS JN5188(T) - JN5189(T) v1.2 compared to initial v1.1
- Corrected typos, pin names aligned with pin descriptions.
- Updated DNL (Differential Non Linearity): ±0.85 LSB typ.
- Updated Sections "SPI-bus Flash Interface", "Deep-sleep mode" and "Hash module".
- Updated NTAG security features.
- Updated figure "Application diagram, battery powered solution".
- Updated VIL in Table 17 "IO characteristics".
- Updated IDD-typical values.

DS QN9030(T) - QM9090(T) v1.1 compared to initial v1.0
- Corrected typos, aligned Pin descriptions
- Updated Sections "Applications", "Random Number Generator", "NTAG I2C"
- Updated NTAG security features.
- Updated Figure "Application diagram/ battery powered solution".
- Updated VIL in Table 17 "IO characteristics".
- Updated the IDD-typical values.

DS K32W041/061 1.2 compared to initial 1.1
- Corrected the part numbers to be K32W061 and K32W041.
- Editorial changes.

UM11138 JN5188(T)/ JN5189(T) 1.4 compared to initial 1.3
- Added to support Thread as well as Zigbee across the whole book.
- Corrected NTAG device JN5189T/JN5188T to be NT3H2211.
- Editoral updates.
- Updated the Range of MAIN_CLK to be 12-48 MHz.
- Updated SPIFI features
- Updated the ISP usage restrictions
- Updated Sections "Memory mapping", "Antenna Diversity".

UM11141 QN9030(T), QM9090(T) 1.1 compared to initial 1.0
- Aligned device description, pin descriptions and pin names.
- Updated features of DMA engine and SPIFI, updated slave port 4.
- Editorial changes
- Updated Range of MAIN_CLK to be 12-48 MHz
- Updated SPIFI features.
- Updated ISP usage restrictions
- Corrected NTAG device in QN9030T and QN9090T to be NT3H2211.

UM11323 K32W041/061 1.1 compared to initial 1.0
- Updated ISP usage restrictions.

Reason
Correction of unclarities.
Identification of Affected Products
Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No impact on form, fit, function, reliability or quality.
Data Sheet Revision
A new datasheet will be issued
Disposition of Old Products
Existing inventory will be shipped until depleted

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.
Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

View Notification	Subscription	Support

Affected Part Number

JN5189HN/001Z
JN5189THN/001Z
QN9090HN/001Z
K32W061Z
QN9030HN/001Z
QN9030THN/001Z
K32W041Z
QN9090THN/001Z