

TWN4 MULTITECH NANO

PRODUCT CHANGE NOTIFICATION

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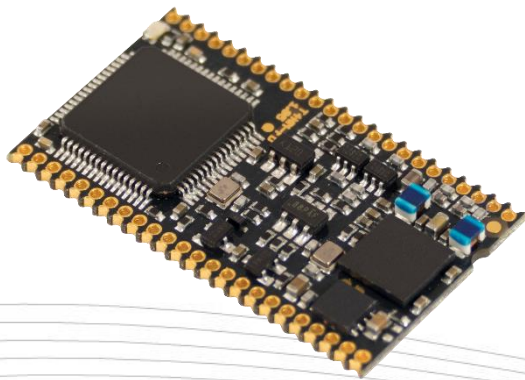


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1 INTRODUCTION

1.1 REASON FOR CHANGE

Due to the acute shortage of semiconductor technology, all sectors of the electronic industry face a chip allocation situation. Not only smartphones, cars, laptops, consumer electronics are affected, but also the RFID industry. Elatec constantly observes the chip market situation and decided in early stages of the shortage to integrate an alternative and compatible type of the main processor in our product lines. This enables Elatec to remain available for delivery and to stay a reliable partner for our customers.

In addition to the semiconductor shortage, the lead time for these components is also affected. The design-in of an alternative main processor allows a reasonable lead time, which benefits our customers.

1.2 REVISION HISTORY

VERSION	CHANGE DESCRIPTION	EDITION
01	First edition	12/2021

2 CHANGE DESCRIPTION

The integration of an alternative main processor as described in chapter 1.1. causes an upgrade of some product lines to a new **firmware version 4.07**. The new firmware 4.07 includes all features of the previous firmware versions.

The firmware version 4.07 requires a **bootloader version 1.50**. Please note that this bootloader version, isn't downwards compatible with older firmware versions than firmware version 4.07.

The version of the bootloader and the version of the firmware are visible on the label of the product, i.e., B/B1.50/NCF4.07/PRS1.04

3 PARTS AND PRODUCTS AFFECTED

Please find the products which are affected in the table beneath:

PART NUMBER	OLD FRIMWARE VERSION	NEW FRIMWARE VERSION	OLD BOOTLOADER VERSION	NEW BOOTLOADER VERSION
T4NM-FDC0	3.06	4.07	1.08	1.50
T4NM-FDC0-P	3.06	4.07	1.08	1.50
T4NM-FDC0-PI	3.06	4.07	1.08	1.50
T4NM-FDC0-T20	3.06	4.07	1.08	1.50
T4NM-FDC0-BT20	3.06	4.07	1.08	1.50
T4NM-FDC0-PT20	3.06	4.07	1.08	1.50
T4NM-FDC0-PIT20	3.06	4.07	1.08	1.50
T4NM-FDC0-R100	3.06	4.07	1.08	1.50
T4NM-FDC0-R500	3.06	4.07	1.08	1.50
T4NM-FDC1	3.06	4.07	1.08	1.50
T4NM-FDC1-P	3.06	4.07	1.08	1.50
T4NM-FDC1-PI	3.06	4.07	1.08	1.50

4 CUSTOMER IMPACT

The firmware update causes following impact for customers:

- **Most important:** Customers must test and release the new firmware
 - Elatec will support customers with samples, if necessary. Please contact Elatec's customer service or the responsible salesman, if a sample is required:
 - Europe: Customer-service-puchheim@elatec.com
 - USA: CustomerServiceAmericas@elatec.com
 - Asia: apac-info@elatec.com
 - Please send the release of the firmware to Elatec's support team:
 - Europe: support-rfid@elatec.com
 - USA: Support-Americas@elatec.com
 - Asia: apac-info@elatec.com
 - The DevPack4.07 will be provided by Elatec's support team. Please send a request, in case the DevPack is required
- **All certifications remain valid, so there is no recertification required**

5 TIMELINE

The delivery of products with the updated software will start in January 2022.

6 CONTACT

For technical inquiries or questions, please contact:

Europe: support-rfid@elatec.com

USA: Support-Americas@elatec.com

Asia: apac-info@elatec.com

For commercial inquiries or questions, please contact:

Europe: Customer-service-puchheim@elatec.com

USA: CustomerServiceAmericas@elatec.com

Asia: apac-info@elatec.com