

PRODUCT CHANGE NOTIFICATION

THE PCN AFFECTS THE PRODUCT SERIES LISTED BELOW:

TWN4 MULTITECH NANO LEGIC 63 M SERIES

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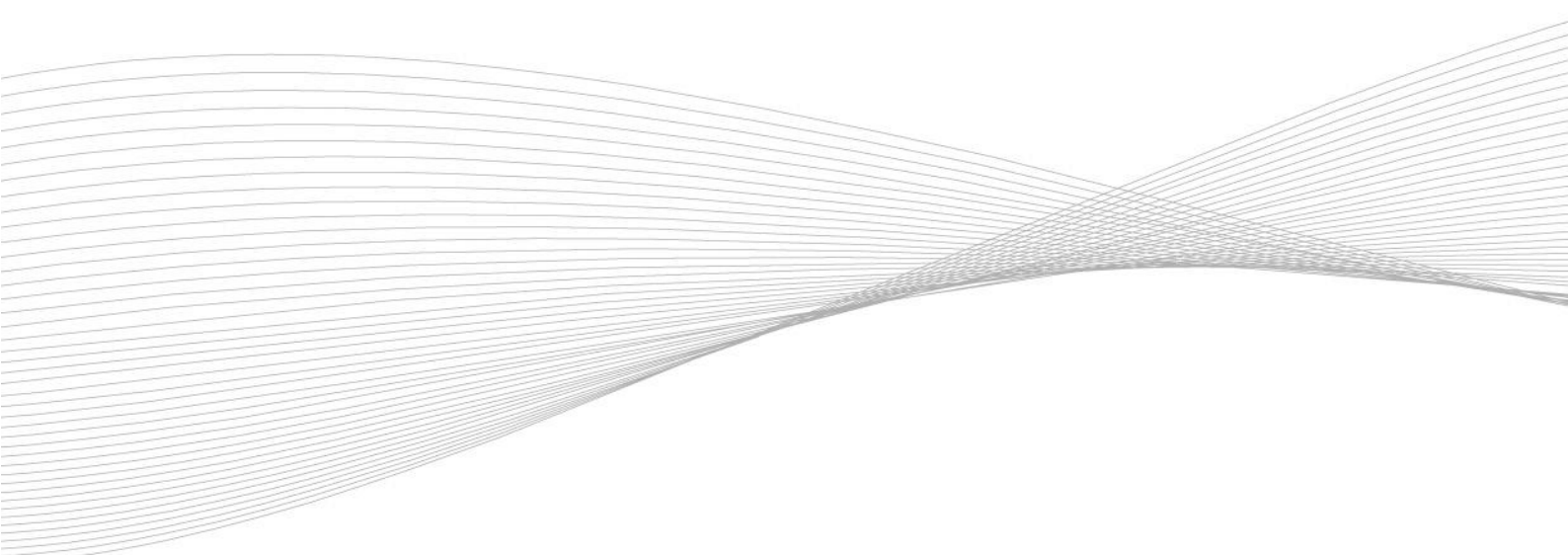


TABLE OF CONTENTS

- 1 INTRODUCTION 3
 - 1.1 REASON FOR CHANGE 3
 - 1.2 REVISION HISTORY 3
- 2 CHANGE DESCRIPTION 3
- 3 PARTS AND PRODUCTS AFFECTED 4
 - TWN4 MULTITECH NANO LEGIC 63 M SERIES 4
 - 3.1 CUSTOMER SPECIFIC PRODUCTS 5
- 4 CUSTOMER IMPACT 5
- 5 TIMELINE 6
- 6 CONTACT 6

1 INTRODUCTION

1.1 REASON FOR CHANGE

Due to the integration of component firmware updates into the TWN4 firmware, Elatec is obliged to update the firmware on the TWN4 MultiTech Nano 63 M series. The new firmware is intended to ensure seamless operation of the entire product series.

This firmware upgrade is a testament to Elatec's commitment to delivering state of the art RFID solutions. In addition, new product variants will be introduced: the C0 version (SMT mounting) will remain and will be complemented by the C1 version (THT mounting). This provides integrators with a wider range of implementation options.

A more detailed description of the affected products and associated variants is explained on the following pages.

1.2 REVISION HISTORY

VERSION	CHANGE DESCRIPTION	EDITION
01	First Edition	03/2025

2 CHANGE DESCRIPTION

This change affects the delivery of new products, already delivered products do not need to be updated.

The integration of the latest firmware as described in chapter 1.1. causes a bootloader and firmware update for all mentioned products. The new bootloader 1.65 and firmware 4.80 include all features of the previous bootloader and firmware versions.

- SM-6300
- SM-6300init

The reason for the product change is that ELATEC RFID readers/writers, need a new bootloader and firmware in order to support LEGIC's transponder technologies in the future. The bootloader and firmware update affects all specified products.

The TWN4 MULTITECH NANO LEGIC 63 M SERIES is equipped with a LEGIC's 6300 frontend and can optionally be equipped with LEGIC 6300init frontend.

The version of the bootloader and the version of the firmware are visible on the packaging label of the product, e.g.:

B/B1.65/NCD4.80/PRS1.04

3 PARTS AND PRODUCTS AFFECTED

TWN4 MULTITECH NANO LEGIC 63 M SERIES

The Product Change Notification (PCN) comprises the entire series of TWN4 MultiTech Nano LEGIC 63 M products and OEM PCBs (i.e., modules). All product variants are affected, including all LEGIC frontends as well as coated or uncoated PCB-variations and customer-specific derivatives.

The PCN also includes all variants, that differ among others by different pin assignment, cable lengths, cable connectors, firmware options, colors etc. The common product name is TWN4 MultiTech Nano LEGIC 63 M with optional amendments to that name.

PART NUMBER	OLD BOOTLOADER VERSION	NEW BOOTLOADER VERSION	OLD FIRMWARE VERSION	NEW FIRMWARE VERSION
T4NM-D5C0	1.08	1.65	4.05	4.80
T4NM-D5C0-P	1.62	1.65	4.61	4.80
T4NM-D5C0-PI	1.62	1.65	4.61	4.80
T4NM-D5C0-T20	1.08	1.65	4.05	4.80
T4NM-D5C0-PT20	1.62	1.65	4.61	4.80
T4NM-D5C0-PIT20	-	1.65	-	4.80
T4NM-D5C0-R100	-	1.65	-	4.80
T4NM-D5C0-5	1.65	1.65	4.80	4.80
T4NM-D5C0-5P	-	1.65	-	4.80
T4NM-D5C0-5PI	-	1.65	-	4.80
T4NM-D5C0-5T20	1.65	1.65	4.80	4.80
T4NM-D5C0-5PT20	-	1.65	-	4.80
T4NM-D5C0-5PIT20	-	1.65	-	4.80
T4NM-D5C1	1.08	1.65	4.05	4.80
T4NM-D5C1-P	-	1.65	-	4.80
T4NM-D5C1-PI	-	1.65	-	4.80
T4NM-D5C1-T20	-	1.65	-	4.80
T4NM-D5C1-PT20	-	1.65	-	4.80
T4NM-D5C1-PIT20	-	1.65	-	4.80
T4NM-D5C1-T100	-	1.65	-	4.80
T4NM-D5C1-5	1.65	1.65	4.80	4.80
T4NM-D5C1-5P	-	1.65	-	4.80
T4NM-D5C1-5PI	-	1.65	-	4.80
T4NM-D5C1-5T20	1.65	1.65	4.80	4.80
T4NM-D5C1-5PT20	-	1.65	-	4.80
T4NM-D5C1-5PIT20	-	1.65	-	4.80
T4NM-D5C1-5T100	-	1.65	-	4.80

For some product variants, the last bootloader and the last firmware version may differ from the indication above. However, also in this case the bootloader and the firmware will be updated to the newest version specified above.

3.1 CUSTOMER SPECIFIC PRODUCTS

Customers and partners have the possibility to customize generic articles according to their wishes.

Modifications of customer-specific products are usually never made by ELATEC without prior consultation with the customer or partner. If customer specific products have been purchased from ELATEC, which are based on the previously described products (this can be recognized by the product names, which are available in the product documentation) ELATEC would ask customers and partners to contact us.

4 CUSTOMER IMPACT

The bootloader, firmware and product specific hardware update causes following impact for customers and partners:

- **Most important:** Customers and partners should test and release the new bootloader, firmware and hardware.
 - 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 bootloader and firmware to ELATEC's support team:
 - Europe: support-rfid@elatec.com
 - USA: Support-Americas@elatec.com
 - Asia: apac-info@elatec.com
 - The DevPack4.80 will be provided by ELATEC's support team. Please send a request, in case the DevPack is required.

5 TIMELINE

The delivery of products with the updated bootloader and firmware will start in April 2025.

Due to the different stock levels, volatile product sales per product series and different product variants per product series, an exact date of the transition cannot be predicted.

The earliest transition will be in April 2025, which does not mean that individual product series can be converted or shipped at a later date. If customers and partners wish explicit products with specific bootloader and firmware versions, this would have to be aligned individually.

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

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