



mxion E²PromMatix EEPROM Read/Write Module User Manual

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Introduction

Dear customer, we strongly recommend that you read these manuals and the warning notes thoroughly before installing and operating your device. The device is not a toy (15+).

NOTE: Make sure that the outputs are set to appropriate value before hooking up any other device. We can't be responsible For any damage if this is disregarded.

WARNING: If you use test-clip, let the read out electronics dead!!

The circuit is about the test-clip so via USB® power. An additional external power supply may cause a short circuit!

General information

We recommend studying this manual thoroughly before installing and operating your new device.

Place the decoder in a protected location.

The unit must not be exposed to moisture.

NOTE: Some functions are only available with the latest firmware.

Please make sure that your device is programmed with the latest firmware.

Summary of Funktionen

USB powered

Works with 3.3V or 5V

Delivery status: 5V supply active

OnBoard DIL-EEPROM box

Test-Clip for SMD EEPROM as in system

INTEL®-HEX-Format usable

Byte and document read/write

Status and power LEDs

Updatable

Scope of supply

Manual

mXion E²PromMatix

USB cable B-Type

Test-Clip

Hook-Up

Install your device in compliance with the connecting diagrams in this manual.

The device is protected against shorts and excessive loads. However, in case of a connection error e.g. a short this safety feature can't work and the device will be destroyed subsequently.

Make sure that there is no short circuit caused by the mounting screws or metal.

Connectors on the upper surface



The IC shown above can in contacted circuits via test-clip are. Not all ICs have the hole and yet at the same time the beveled side; at least one marking is, however, always present. The pin directly on top the hole, pin 1; just as in the flattened side (located from above it always looked to the left) is the pin 1 is always at the top left. On the side of pin 1 marked in the test-clip wire to be set.

On the bottom of the housing is located a point at which one, the activity of the device can visually represented by LEDs, perceive.

Where is:

- flashing green (device ok, not connected with SmartTerm)
- bright green (device ok, with SmartTerm connected)
- bright red/flashing red (unit communicates with EEPROM (R/W))

Product description

The mXion E²PromMatix is a universal EEPROM read/write module. There support E²PromMatix all 24C-EEPROMs.

About Intel®-Hex-Format or mXion-Format the chips can be read or written be (of whole chip). Simple read/write is also possible. In addition to the IC socket for DIL EEPROM has he electronics a test clip connection to work with EEPROMs in hardwired circuits (SMD area). The working voltage can either 3.3V or 5V respectively.

The module supplied exclusively through USB, there are no other components or transformers needed. Can SmartTerm all settings are made. The module itself is updatable.

With this module, you can easily read EEPROMs, make changes or require such.

Technical data

Power supply: USB (5.5V, 1A max.)

Current: 30mA (with out functions)

Temperature range: -20 up to 80°C

Dimensions L*B*H (cm): 5.5*6*2.1

NOTE: In case you intend to utilize this device below freezing temperatures, make sure it was stored in a heated environment before operation to prevent the generation of condensed water. During operation is sufficient to prevent condensed water.

In terms of the NTC (temperature resistor) you should to the temperature range of the NTC otherwise no proper function can be guaranteed.

Warranty, Service, Support

micron-dynamics warrants this product against defects in materials and workmanship for one year from the original date of purchase. Other countries might have different legal warranty situations. Normal wear and tear, consumer modifications as well as improper use or installation are not covered.

Peripheral component damage is not covered by this warranty. Valid warrants claims will be serviced without charge within the warranty period. For warranty service please return the product to the manufacturer. Return shipping charges are not covered by micron-dynamics. Please include your proof of purchase with the returned good. Please check our website for up to date brochures, product information, documentation and software updates. Software updates you can do with our updater or you can send us the product, we update for you free.

Hotline

For technical support and schematics for application examples contact:

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www.micron-dynamics.de



<https://www.youtube.com/@micron-dynamics>



Documents / Resources

[mxion E²PromMatix EEPROM Read/Write Module](#) [pdf] User Manual
E PromMatix EEPROM Read Write Module, E PromMatix, E PromMatix Module, EEPROM Read Module, Read Module, EEPROM Write Module, Write Module, EEPROM, Module

References

-  [Top Fahrradbekleidung für Damen & Herren - Ride your Style](#)
-  [micron-dynamics](#)
-  [micron-dynamics](#)