

tinyMicon MatisseCORE™

# mtloader User's Guide

Program Downloader for Matisse

Revision history

Date	Version	Remarks
2024/02/22	Rev.001	First release

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## 1 System Configuration

mtloader is a tool that uses the matiseye™-adapter/pro to write Matisse program data to non-volatile memory, such as Flash. The PC and the Matisse-equipped IC are connected via the matiseye™-adapter/pro. Writing is executed from the command line.

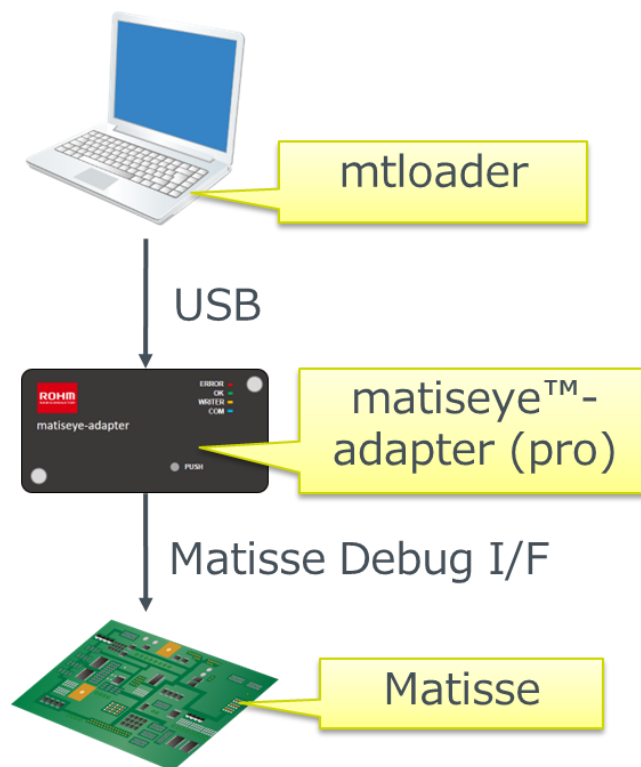


Figure 1 system overview

## 2 Operating Requirements

An environment in which matiseye™-studio can operate is required.

OS: Windows 7 32-bit / Windows 7 64-bit / Windows 10 32-bit / Windows 10 64-bit

CPU: Intel Core series or equivalent performance

Memory: 2GByte or more installed

HDD: 1GByte or more of free space

.Net Framework: Version 4.7.2

### 3 Installation

mtloader is included in the C language development tools for Matisse. Please install the C language development tools for Matisse.

### 4 How to Use

Execute from the command line as follows. Use the --settings option to specify the device information file for the device you are using.

```
> mtloader --settings=device information file
```

Example) When writing to the Flash memory of BD64701

```
> mtloader --settings=bd64701_flash
```

**Note:** If you are using a new device or non-volatile memory, you need to create a device information file.

### 5 Troubleshooting

Please check the following:

- That the PC is connected to the matiseye™-adapter with a USB cable capable of communication (charging-only cables are not acceptable)
- That the matiseye™-adapter is connected to the Matisse-equipped IC
- Whether the device information file exists in the Matisse development environment

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