

Erase the EEPROM optical module



Overview

You initiate an erase of the EEPROM address pointed to by EEARH/EEARL, by setting EEPM1 to 1, EEPM0 to 0 and setting EEPE to 1 to start the erase operation. The EEPROM Erase command erases the EEPROM. The online versions of the documents are provided as a courtesy. Verify all content and data in the device's PDF documentation found on the device. The datasheet for the ATmega328P contains this table, which describes bits 4 and 5 of EECR: I'm currently working on some non-blocking EEPROM-handling code and I'm wondering when and how I should erase the EEPROM. You essentially use the. Using the old ST-LINK utility it was possible to erase the EEPROM using the Flash Memory Mapping window, shown below: Note the entry at the bottom of the list is labeled "Data Memory (Bank1)" and is 1 KB in size.



Article Content

Feb 07, 2026

Copying Information to EEPROM with Cortex M0+

Copying data to the EEPROM with Cortex M0+ can be useful for storing configuration parameters, sensor calibration values, device identifiers, and other permanent data you may need for

Dec 18, 2025

What is EEPROM (Electrically Erasable Programmable

Discover how EEPROM ensures reliable configuration, superior compatibility, and lifetime flexibility in networking hardware: from RJ45 to optical

Oct 07, 2025

10.3.2.4.6 EEPROM Erase Command

Verify all content and data in the device's PDF documentation found on the device product page. The EEPROM Erase command erases the EEPROM. The EEPROM will be all 1's after the operation.

May 06, 2026

A guide to EEPROM | Arduino Documentation

Learn how to use EEPROM, short for electrically erasable programmable read-only memory, on Arduino boards.

Feb 24, 2026

What Is EEPROM and How Does it Work?

How Does EEPROM Work? The erasing of EEPROM does not require any other equipment, it uses electronic signals to modify its content and takes

Aug 26, 2025

Is it possible to erase EPROM without erasing window?

I have salvaged a pair of M27C1001. According to the datasheet it is either UV erasable or OTP - depending on the package. It is said the chip itself is the same - the OTP variant has only

Aug 05, 2025

Erasable Programmable Read-Only Memory

Electrically Erasable Programmable Read Only Memory Many PIC MCUs have a block of nonvolatile user memory where data can be stored during power-down. These data could, for example, be the

Aug 11, 2025

EEPROM/examples/EEPROM_clear/EEPROM_clear o at master

Contribute to PaulStoffregen/EEPROM development by creating an account on GitHub.

Nov 11, 2025

EEPROM (electrically erasable programmable read-only

EEPROM and flash memory Flash memory is a special form of EEPROM. Identical in structure to EEPROM, flash memory chips use normal PC

Jun 04, 2026

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jan 13, 2026

EEPROM (Electrically Erasable Programmable Read

EEPROM allows selective erasing at the register level rather than erasing all the information since the information can be changed by using electrical signals. The

Apr 11, 2026

How to clear the EEPROM with Arduino?

In this article, we will see how to clear the EEPROM, i.e., set all its bytes to 0. We will be walking through an inbuilt example in Arduino. The EEPROM examples can be accessed from – File →

Sep 22, 2025

A guide to EEPROM | Arduino Documentation

The purpose of this example is to show how to go through the whole EEPROM memory space with different approaches. The code provided doesn't run on its own but should be used as a source of

Oct 19, 2025

Improvising An EPROM Eraser

Build your own chip eraser using components that would have blown minds back in the 70s. got his hands on an old 2764 EPROM for a

Jan 21, 2026

11.3.2.4.6 EEPROM Erase Command

The EEPROM Erase (EECHER) command erases the EEPROM. All EEPROM bytes will read back 0xFF after the operation. The CPU is halted during the EEPROM erase.

May 19, 2026

EPROM (Erasable PROM), EEPROMs (Electrically Erasable PROM)

An EPROM eraser is not selective, it will erase the entire EPROM. The EPROM to be erased must be first removed from the device in which it resides, and then the EPROM is placed under the UV light of

Sep 11, 2025

How does erasing the EEPROM work?

Before writing a new value to the EEPROM, the old value must first

Jul 24, 2025

clear ()

This section describes optional functions the application can call to manually control page erase for advanced use cases. After enough data has been written to fill the first page, the EEPROM

Apr 29, 2026

Erasing an EPROM with Alternative Devices - j2i

The EPROM I have must be erased through UV light. There is a window on the ceramic package that exposes the silicon underneath. With

May 03, 2026

EEPROM.h support for ERASE only mode

Many, but not all, AVR chips support three EEPROM write modes: "It is possible to program data in one atomic operation (erase the old value and program the new value) or to split the

Mar 13, 2026

Can we erase an EPROM with an LED?

Can we erase an EPROM with an LED? Doz Television Workshop 5.56K subscribers
Subscribe

Jan 13, 2026

Understanding EPROMs: Erasable Programmable

As memory technology advanced, EPROM began to be replaced by more convenient types of memory such as EEPROM (Electrically Erasable

Aug 13, 2025

Solved: How to erase EEPROM in an STM32L0-series

You can also use the STM32CubeProgrammer GUI to erase the internal EEPROM. Simply navigate to the "Erasing & programming" menu, select the EEPROM bank,

May 17, 2026

EPROMS: The minimum you need to know to burn your

To blank an EPROM they need to be subjected to strong UV light, typically in an EPROM eraser. This is why the ICs have a clear window in them;

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

