Check Unique ID

# Link

<https://www.youtube.com/watch?v=qCuVBD2dmTA&list=PLnMKNibPkDnFzux3PHKUEi14ftDn9Cbm7&index=3>

# Description

In this paperwork, we will do all the steps to quickly get the reference ID of the stm32 nucleo board you are using.

Contents

[Description 1](#_Toc89588805)

[Prerequisites 2](#_Toc89588806)

[STM32 Board 2](#_Toc89588807)

[ST-Link cable 2](#_Toc89588808)

[STM32CubeProgrammer 2](#_Toc89588809)

[Walkthrough 3](#_Toc89588810)

[Step 1 : Open card information 3](#_Toc89588811)

[Step 2 : Go to the card website 3](#_Toc89588812)

[Step 3 : Open the Reference Manual 4](#_Toc89588813)

[Step 4 : Find the unique ID section 5](#_Toc89588814)

[Step 5 : Display the address content 6](#_Toc89588815)

# Prerequisites

A picture containing chart

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## STM32 Board

## ST-Link cable

## STM32CubeProgrammer

# Walkthrough

## Step 1 : Open card information

Connect the stm32 board with the ST-Link to the computer. Once it is done you could open the device with the file manager. Once in, you just have to open the HTM File with your browser.

Graphical user interface, text, application

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## Step 2 : Go to the card website

When on the page, you scroll till you see the technical references and click to the first link corresponding to the board. This one should be the same that you are using.

Graphical user interface, text, application, email

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## Step 3 : Open the Reference Manual

On the second website, go to the documentation and download the Reference Manual of the board. This is in this document that we will get the address reference of our id.

Graphical user interface, text, application, email

Description automatically generated

## Step 4 : Find the unique ID section

Once it is downloaded, just search for the word “unique” in your PDF and you will get to the “Unique device id” section. Here you will have everything needed to find the address on the STM32CubePrgrammer.

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## Step 5 : Display the address content

Launch STM32CubeProgrammer. On it you will just connect with your STM32 board, and then you could set the same parameters than the manual.  
In this case I used :

Address : 0x1FFF7590 (address where to start display)

Size : 0xC (which will display 12 bytes)

Data width : 32bits (which will divide the result in 32 bits parts)

A screenshot of a computer

Description automatically generated

We can finally see our ID in ascii : D.I..P61H09.