

STM32 Blue Pill Drivers

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Chapter 1

STM32 Blue Pill Drivers

Drivers that could be used to interface and interact with STM32F103C8T6 Microcontroller

View the PDF documentation [here](#)

Chapter 2

Testing applications

These testing applications to test most of the drivers' functionalities and make sure they do what they intend to do.

2.1 ## Applications list

Below is the applications list and will follow this template of describing each application.

Name: <Application name>
Description: <Application description>
Activision Macro: <Application macro name>

Testing application's directory has the following structure:

- APPS_main.h
- APPS_main.c
- <Application name>/
 - <Application name>_main.h
 - <Application name>_main.c

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

main.c	8
APPS_main.c	
This file contains the implementation of the main function that is responsible for running the applications	7
APPS_main.h	
This file contains the prototypes of the main function that is responsible for running the applications	7

Chapter 4

File Documentation

4.1 APPS_main.c File Reference

This file contains the implementation of the main function that is responsible for running the applications.

```
#include "APPS_main.h"
```

Include dependency graph for APPS_main.c:

4.2 APPS_main.h File Reference

This file contains the prototypes of the main function that is responsible for running the applications.

This graph shows which files directly or indirectly include this file:

Functions

- void [vAPPS_main](#) (void)
Change this to the macro of the desired application to run.

4.2.1 Detailed Description

This file contains the prototypes of the main function that is responsible for running the applications.

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1.0.0

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4.2.2 Function Documentation

4.2.2.1 vAPPS_main()

```
void vAPPS_main (
    void )
```

Change this to the macro of the desired application to run.

```
17 {
18     for (;;)
19     {
20         /* Do nothing */
21     }
22 }
```

Referenced by [main\(\)](#).

Here is the caller graph for this function:

4.3 github/workspace/README.md File Reference

4.4 README.md File Reference

4.5 main.c File Reference

```
#include "APPS/APPS_main.h"
```

Include dependency graph for main.c:

Functions

- int [main](#) (void)

4.5.1 Function Documentation

4.5.1.1 main()

```
int main (
    void )
4 {
5     vAPPS_main();
6
7     for (;;)
8     {
9     }
10 }
```

References [vAPPS_main\(\)](#).

Here is the call graph for this function:

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