/\* USER CODE BEGIN Header \*/

/\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* @file : main.h

\* @brief : Header for main.c file.

\* This file contains the common defines of the application.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* @attention

\*

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\*

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\* If no LICENSE file comes with this software, it is provided AS-IS.

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\*/

/\* USER CODE END Header \*/

/\* Define to prevent recursive inclusion -------------------------------------\*/

**#ifndef** \_\_MAIN\_H

**#define** **\_\_MAIN\_H**

**#ifdef** \_\_cplusplus

**extern** "C" {

**#endif**

/\* Includes ------------------------------------------------------------------\*/

**#include** "stm32g4xx\_hal.h"

/\* Private includes ----------------------------------------------------------\*/

/\* USER CODE BEGIN Includes \*/

**#include** "VL53L1X\_api.h"

**#include** "vl53l1\_platform.h"

/\* USER CODE END Includes \*/

/\* Exported types ------------------------------------------------------------\*/

/\* USER CODE BEGIN ET \*/

/\* USER CODE END ET \*/

/\* Exported constants --------------------------------------------------------\*/

/\* USER CODE BEGIN EC \*/

/\* USER CODE END EC \*/

/\* Exported macro ------------------------------------------------------------\*/

/\* USER CODE BEGIN EM \*/

/\* USER CODE END EM \*/

/\* Exported functions prototypes ---------------------------------------------\*/

**void** **Error\_Handler**(**void**);

/\* USER CODE BEGIN EFP \*/

/\* USER CODE END EFP \*/

/\* Private defines -----------------------------------------------------------\*/

**#define** **TOF\_GPIO\_Pin** GPIO\_PIN\_7

**#define** **TOF\_GPIO\_GPIO\_Port** GPIOC

**#define** **TOF\_SCL\_Pin** GPIO\_PIN\_8

**#define** **TOF\_SCL\_GPIO\_Port** GPIOC

**#define** **TOF\_SDA\_Pin** GPIO\_PIN\_9

**#define** **TOF\_SDA\_GPIO\_Port** GPIOC

/\* USER CODE BEGIN Private defines \*/

/\* USER CODE END Private defines \*/

**#ifdef** \_\_cplusplus

}

**#endif**

**#endif** /\* \_\_MAIN\_H \*/