

```
1
2 /*
3  * File:      I2C_ICM42670P_Functions.h
4  * Author:    M.Ricchieri
5  *
6  * Created on 10. mai 2023
7  *
8  * This code uses the Mc32_I2cUtilCCS.h
9  */
10
11
12 //-----// Includes
13 #include "app.h"
14
15
16 #ifndef I2C_ICM42670P_FUNCTIONS_H
17 #define I2C_ICM42670P_FUNCTIONS_H
18
19 //-----// Constants
20 #define ICM42670P_ADDR_W 0b11010000 // W
21 #define ICM42670P_ADDR_R 0b11010001 // R
22
23
24 #ifdef __cplusplus
25 extern "C" {
26 #endif
27
28 //-----// Fonctions
29 int ICM42670P_I2C_bus_write(struct inv_imu_serif *serif, uint8_t reg,
30     const uint8_t *buf, uint32_t len);
31 int ICM42670P_I2C_bus_read(struct inv_imu_serif *serif, uint8_t reg,
32     uint8_t *buf, uint32_t len);
33
34 #ifdef __cplusplus
35 }
36 #endif
37
38 #endif/* I2C_ICM42670P_FUNCTIONS_H */
```