

```

1 /**
2  ****
3  * @file   debug.h
4  * @author CL
5  * @version V1.0.0
6  * @date   04-July-2014
7  * @brief  This file defines print functions for debug purposes.
8  ****
9  * @attention
10 *
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12 *
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34 *
35 ****
36 */
37
38 /* Define to prevent recursive inclusion -----*/
39 #ifndef __DEBUG_H
40 #define __DEBUG_H
41
42 #ifdef __cplusplus
43 extern "C" {
44 #endif
45
46 /* Includes -----*/
47 #include <string.h>
48
49 /* Exported macro -----*/
50 // #define DEBUG

```

```
51 #ifdef DEBUG
52 #include <stdio.h>
53 #define PRINTF(...) myprintf(__VA_ARGS__)
54 int myprintf(const char *format, ...);
55 int usart_puts(const char *str, int len) ;
56 #else
57 #define PRINTF(...)
58 #endif
59
60 /* Print the data travelling over the SPI in the .csv format for the GUI*/
61 //#define PRINT_CSV_FORMAT
62 #ifdef PRINT_CSV_FORMAT
63 #include <stdio.h>
64 #define PRINT_CSV(...) printf(__VA_ARGS__)
65 #else
66 #define PRINT_CSV(...)
67 #endif
68
69 #ifdef __cplusplus
70 }
71 #endif
72
73 #endif /* __DEBUG_H */
74
75 /***** (C) COPYRIGHT STMicroelectronics *****END OF FILE*****/
76
```

“DEBUG” が定義されている場合(デフォルト)は、“PRINTF()”マクロを呼ぶと“myprintf()”が呼び出される。

“DEBUG” が定義されていない場合は、“PRINTF()”マクロを呼んでも何も実行されない。