

```

1  /*
2  * isrs.c
3  *
4  * Created on: Jun 30, 2023
5  * Author: christop.grobety
6  */
7
8  #include "stm32l4xx_hal.h"
9  #include "main.h"
10 #include "fram_func.h"
11
12 void HAL_GPIO_EXTI_Callback(uint16_t GPIO_Pin)
13 {
14     if(GPIO_Pin == FPGA_DONE_Pin){
15         //-----RECEIVE
16         ADD-----
17         LED_on(BLUE);
18         start = true;
19         HAL_ResumeTick();
20         acqu = false;
21         //sleep_ = 1;
22     }
23     else if(GPIO_Pin == WAKE_UP_Pin ){
24         //-----START
25         ACQU-----
26         if(start){
27             HAL_ResumeTick();
28             start = false;
29         }
30     }
31     else if(GPIO_Pin == ARM_BUTTON_Pin){
32         //-----RESET
33         SYSTEM-----
34         if(reset){
35             reset = false;
36             HAL_NVIC_SystemReset();
37         }
38     }
39 }

```