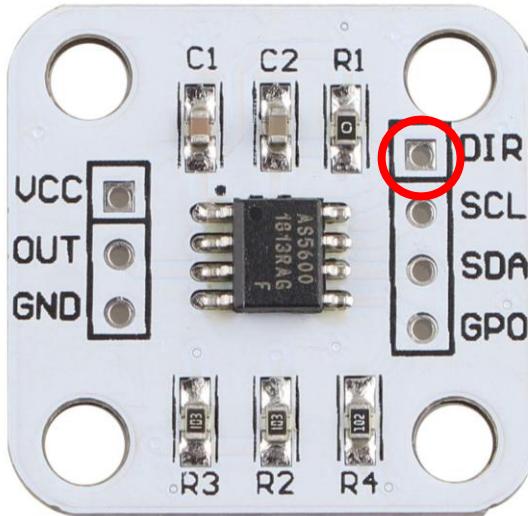


If you encounter stability issues (value oscillate bewtween +- a value) with the magnetic encoder angle value, Connect the DIR pin to the GROUND (- power supply).



If the M5 Tab5 stack device reboot indefinitely place the #ifndef after the #include and the #ifdef in the setup function in arduino.

```
#ifndef BOARD_SDIO_ESP_HOSTED_CLK
#define SDIO2_CLK GPIO_NUM_12
#define SDIO2_CMD GPIO_NUM_13
#define SDIO2_D0 GPIO_NUM_11
#define SDIO2_D1 GPIO_NUM_10
#define SDIO2_D2 GPIO_NUM_9
#define SDIO2_D3 GPIO_NUM_8
#define SDIO2_RST GPIO_NUM_15
#endif
```

```
#ifdef BOARD_SDIO_ESP_HOSTED_CLK
WiFi.setPins(BOARD_SDIO_ESP_HOSTED_CLK, BOARD_SDIO_ESP_HOSTED_CMD,
             BOARD_SDIO_ESP_HOSTED_D0, BOARD_SDIO_ESP_HOSTED_D1,
             BOARD_SDIO_ESP_HOSTED_D2, BOARD_SDIO_ESP_HOSTED_D3,
             BOARD_SDIO_ESP_HOSTED_RESET);
#else
WiFi.setPins(SDIO2_CLK, SDIO2_CMD, SDIO2_D0, SDIO2_D1, SDIO2_D2, SDIO2_D3, SDIO2_RST);
#endif
```