

(LED rd) PA15

(LED gn) PA12

+3V3_ANA

+1V25_REF

+2V50_REF

AGND

PA1/ADC1_6 (AC_Grid_Voltage)

PA2/ADC12_7 (Relay_Ctrl_Voltage)

AGND

PA3/ADC12_8 (DC_Link_Voltage)

PA4/ADC12_9 (AC_Current)

AGND

PA5/ADC12_10 (AC_Relay_Voltage)

PA6/ADC12_11 (DC_Input_Voltage)

AGND

PA7/ADC12_12 (DC_Current)

PB0/ADC12_15 (AC_Inverter_Voltage)

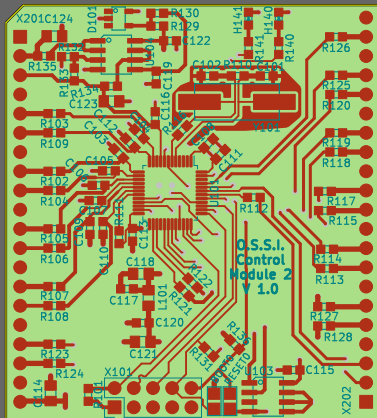
AGND

PB1 (LED_Red_Ctrl)

PB4 (LED_Green_Ctrl)

GND

+3V3



GND

(Grid_Relay_Ctrl) PB8

GND

(Inv_Relay_Ctrl) PB5

(Bridge_T4) PA11

GND

(Bridge_T3) PA10

(Bridge_T2) PA9

GND

(Bridge_T1) PA8

(Relay_Voltage_Ctrl) PB11

GND

(Boost_T1) PB10

(HISIDE_PWM_μC) PB3

GND

(I2C_Clk) PB13

(I2C_Dat) PB14

GND

(UART_TX) PB6

(UART_RX) PB7

GND