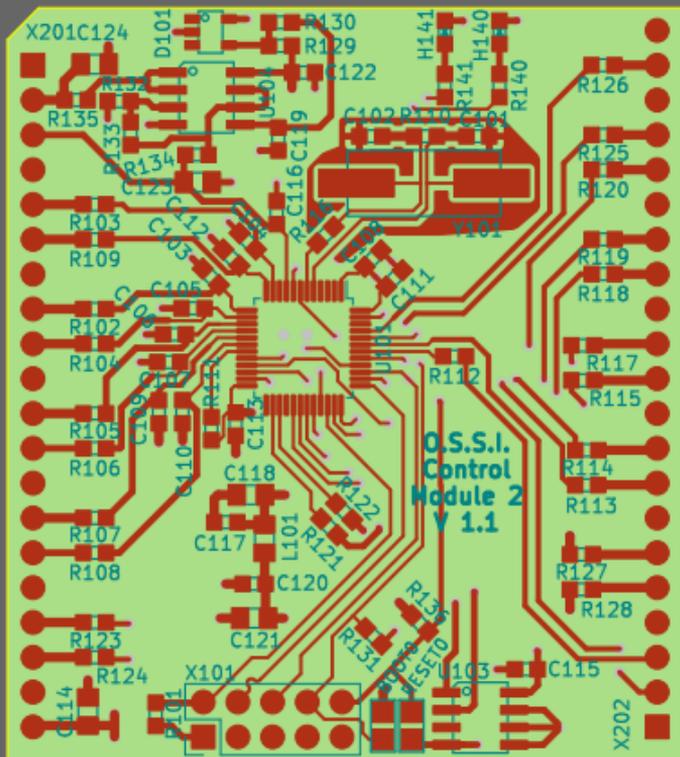


(LED rd) PA15
(LED gn) PA12

+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

SDIO
+3V3 SCLK SWO
GND SWO
GND BOOT0
RESET
GND