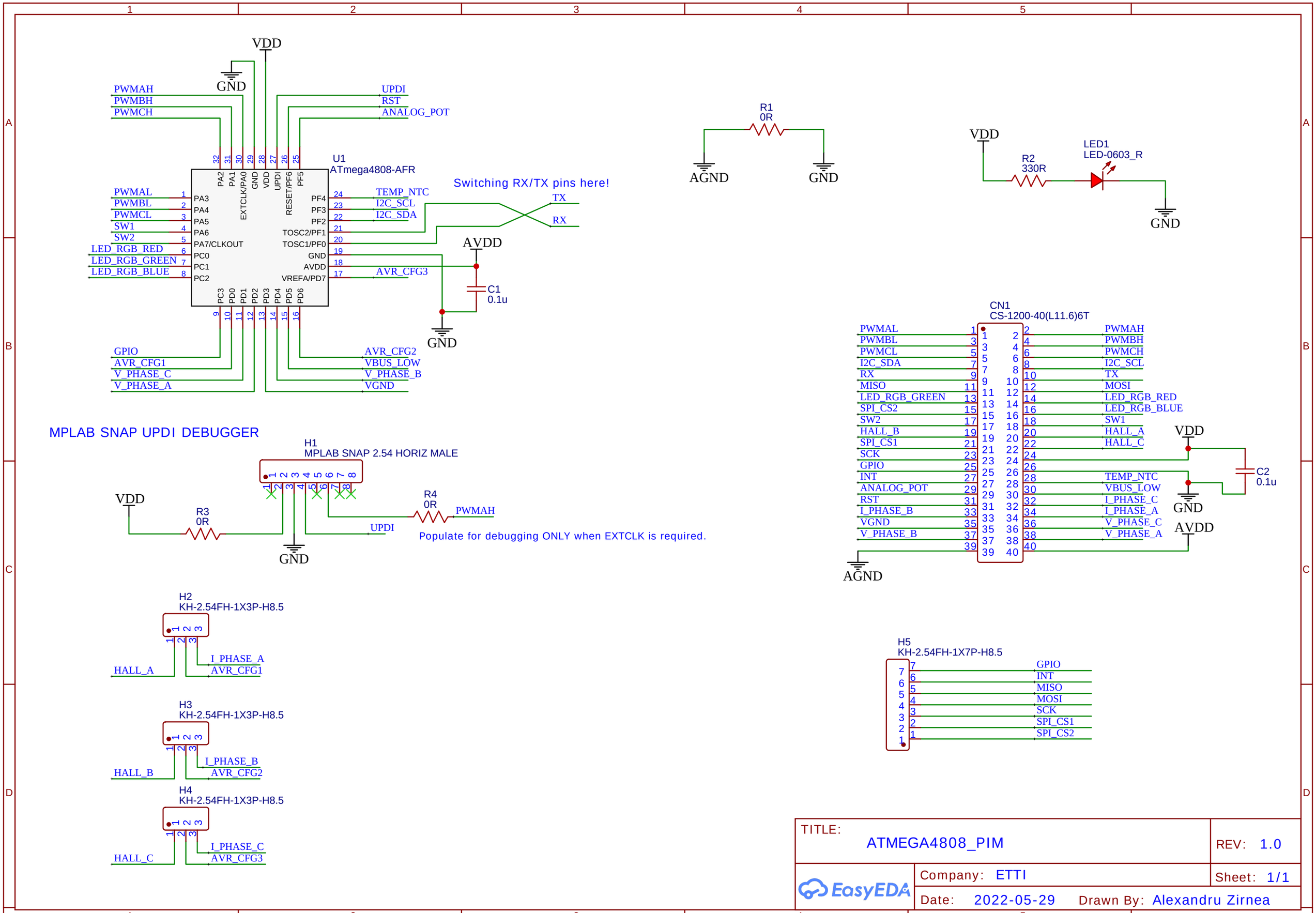
U1
ATmega4808-AFR
VDD
GND
AVDD
AGND
PWMAH
PWMBH
PWMCH
UPDI
RST
ANALOG_POT
PWMAL
PWMBL
PWMCL
SW1
SW2
LED_RGB_RED
LED_RGB_GREEN
LED_RGB_BLUE
TEMP_NTC
I2C_SCL
I2C_SDA
Switching RX/TX pins here!
TX
RX
AVR_CFG3
C1
0.1u
GPIO
AVR_CFG1
V_PHASE_C
V_PHASE_A
AVR_CFG2
VBUS_LOW
V_PHASE_B
VGND
R1
0R
R2
330R
LED1
LED-0603_R
CN1
CS-1200-40(L11.6)6T
I2C_SDA
RX
MISO
LED_RGB_GREEN
SPI_CS2
SW2
HALL_B
SPI_CS1
SCK
GPIO
INT
ANALOG_POT
RST
I_PHASE_B
VGND
V_PHASE_B
I2C_SCL
TX
MOSI
LED_RGB_RED
LED_RGB_BLUE
SW1
HALL_A
HALL_C
TEMP_NTC
VBUS_LOW
I_PHASE_C
I_PHASE_A
V_PHASE_C
V_PHASE_A
C2
0.1u
MPLAB SNAP UPDI DEBUGGER
H1
MPLAB SNAP 2.54 HORIZ MALE
R3
0R
R4
0R
Populate for debugging ONLY when EXTCLK is required.
H2
KH-2.54FH-1X3P-H8.5
HALL_A
I_PHASE_A
AVR_CFG1
H3
KH-2.54FH-1X3P-H8.5
HALL_B
I_PHASE_B
AVR_CFG2
H4
KH-2.54FH-1X3P-H8.5
HALL_C
I_PHASE_C
AVR_CFG3
H5
KH-2.54FH-1X7P-H8.5
GPIO
INT
MISO
MOSI
SCK
SPI_CS1
SPI_CS2
TITLE:
ATMEGA4808_PIM
REV: 1.0
Company: ETTI
Sheet: 1/1
Date: 2022-05-29
Drawn By: Alexandru Zirnea
EasyEDA