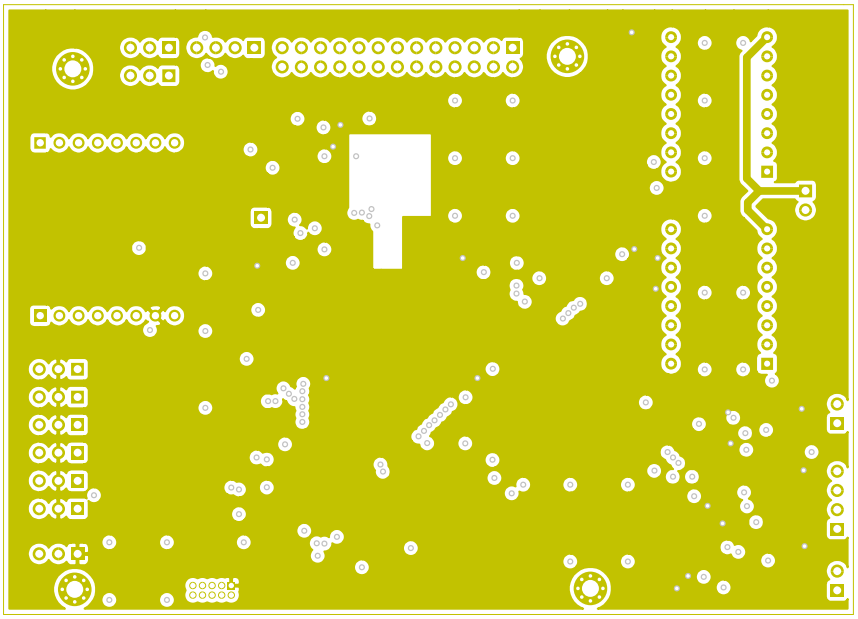
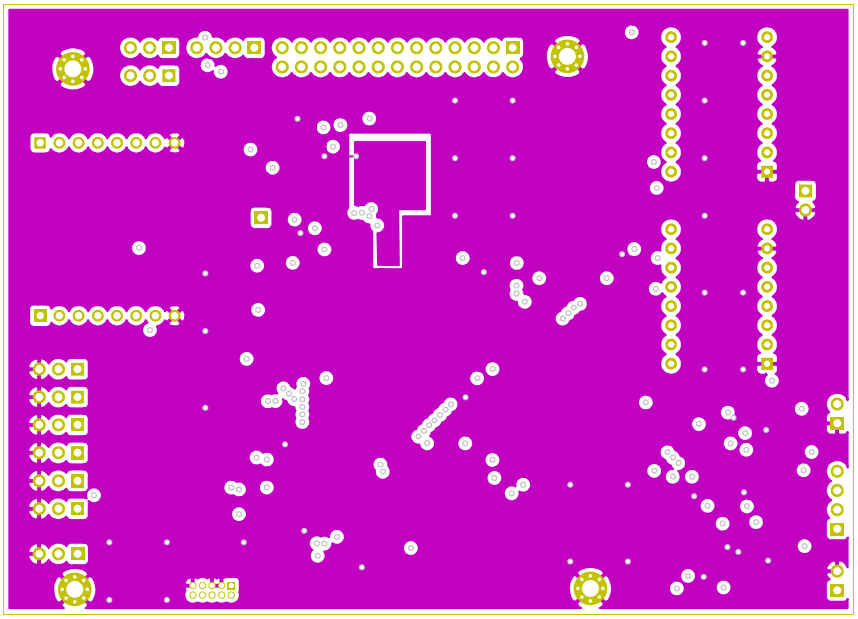
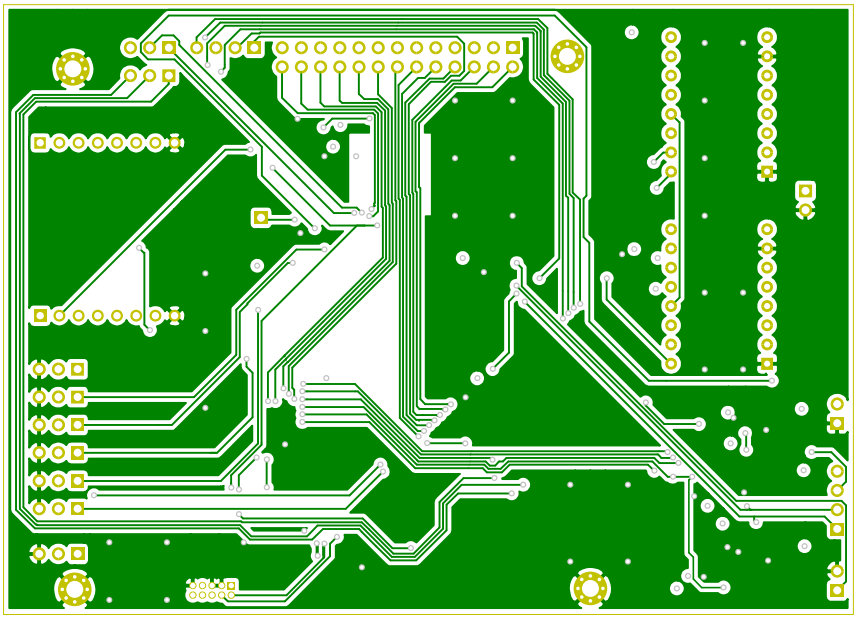
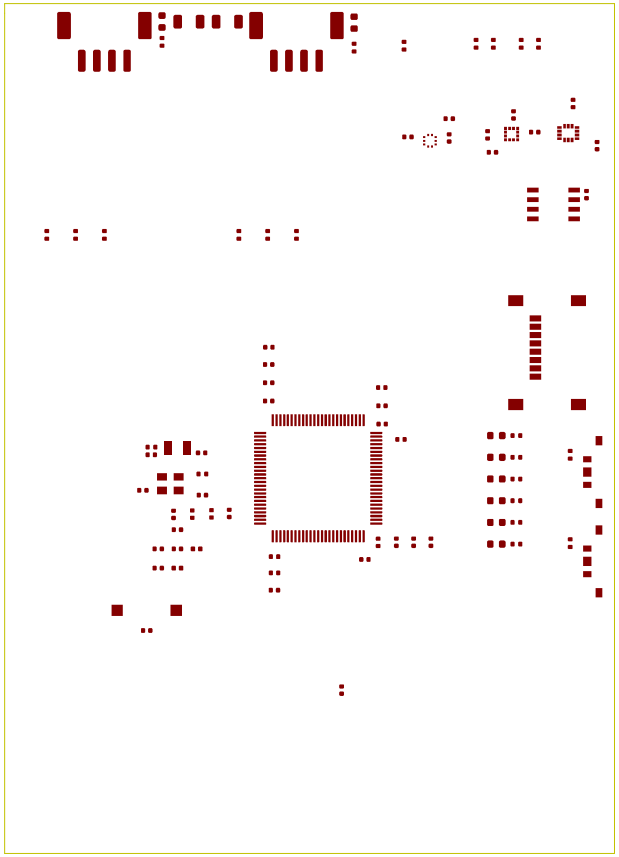
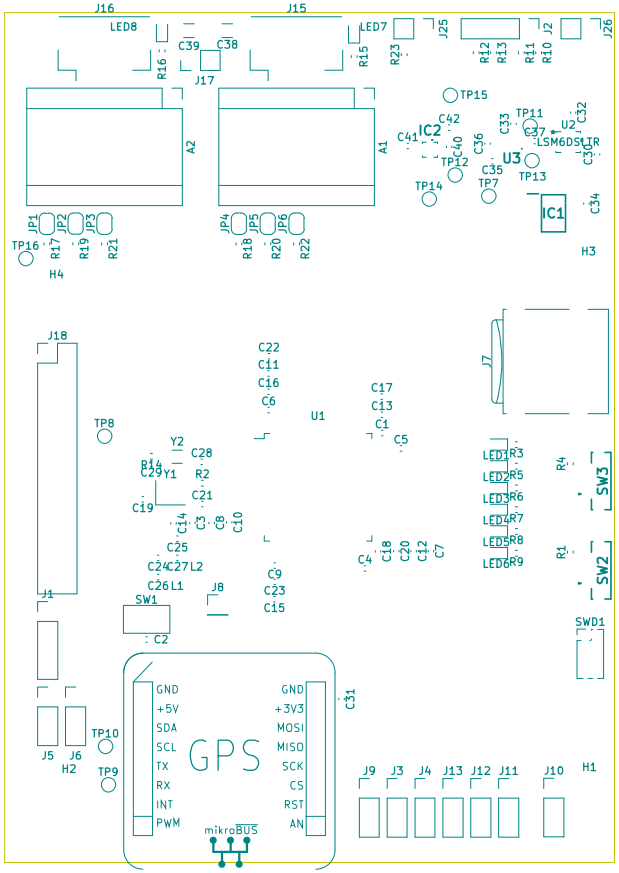
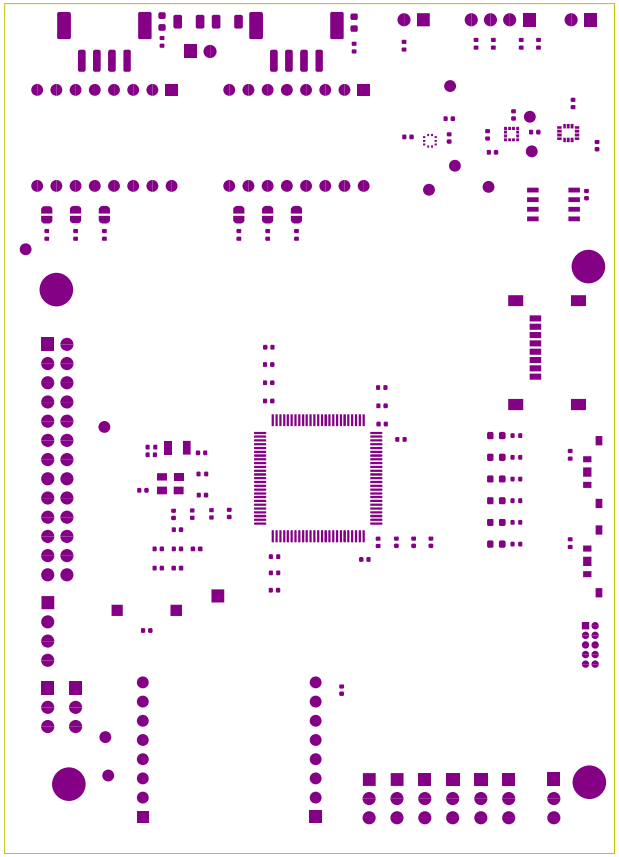


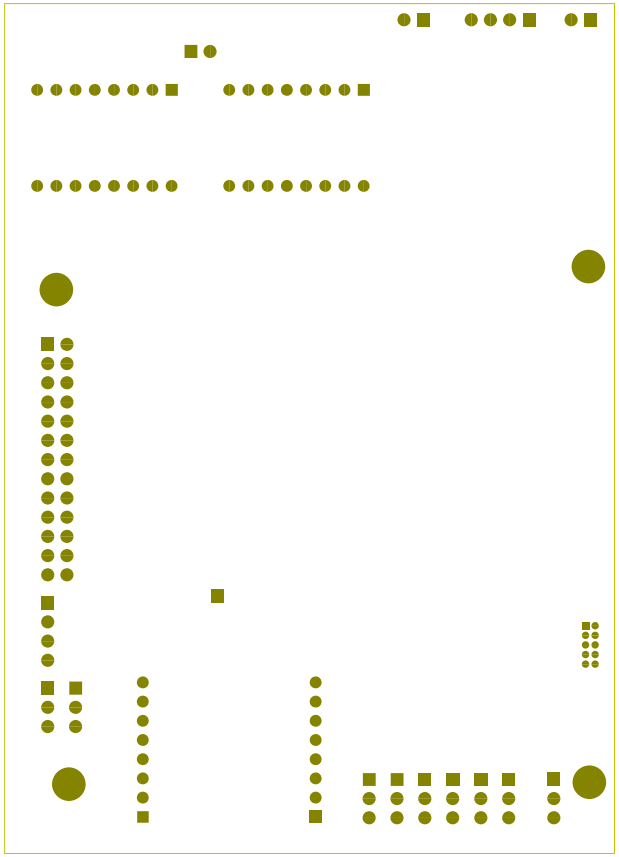


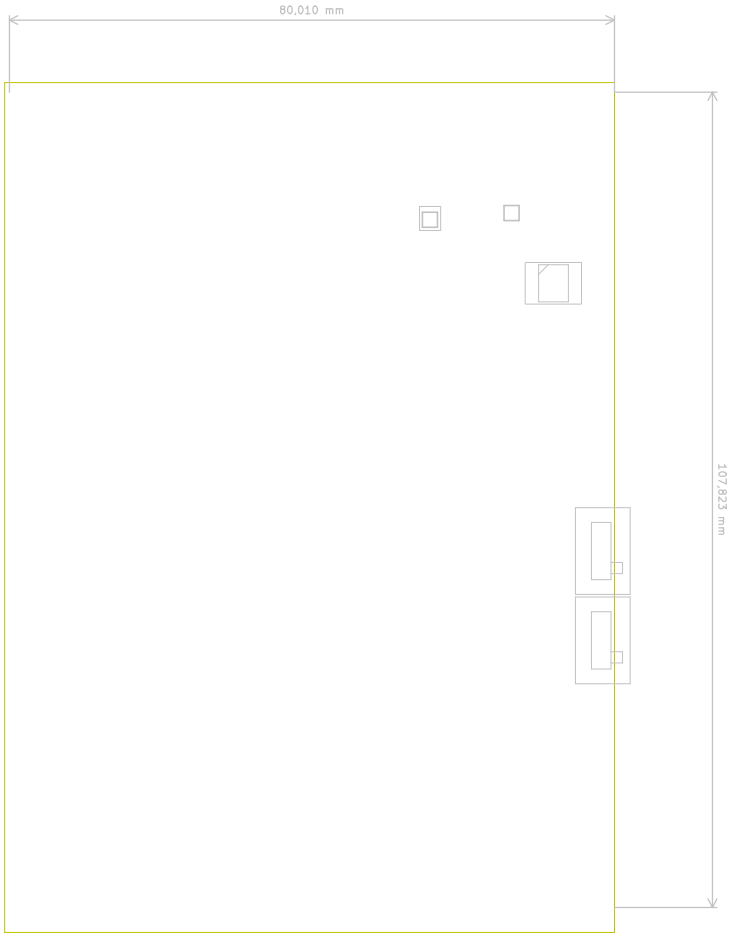


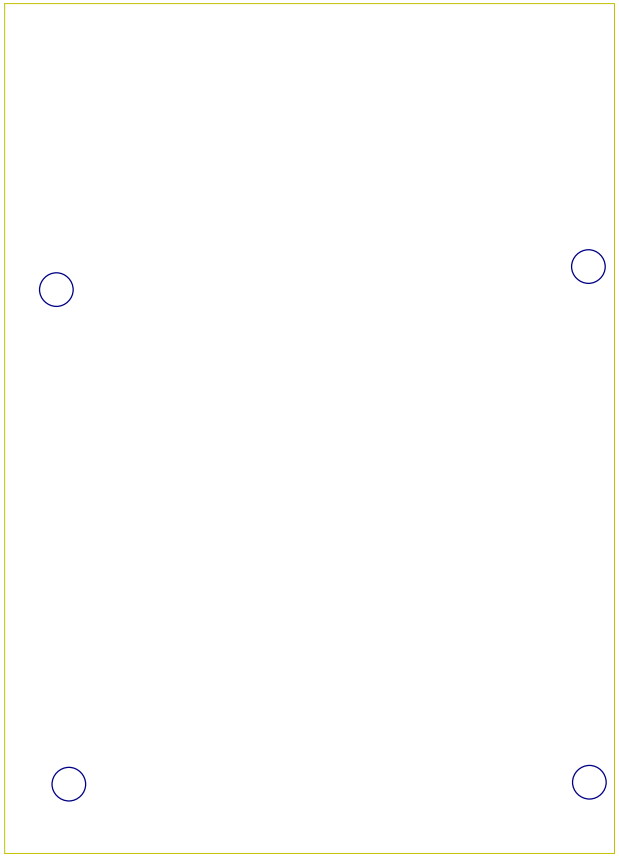


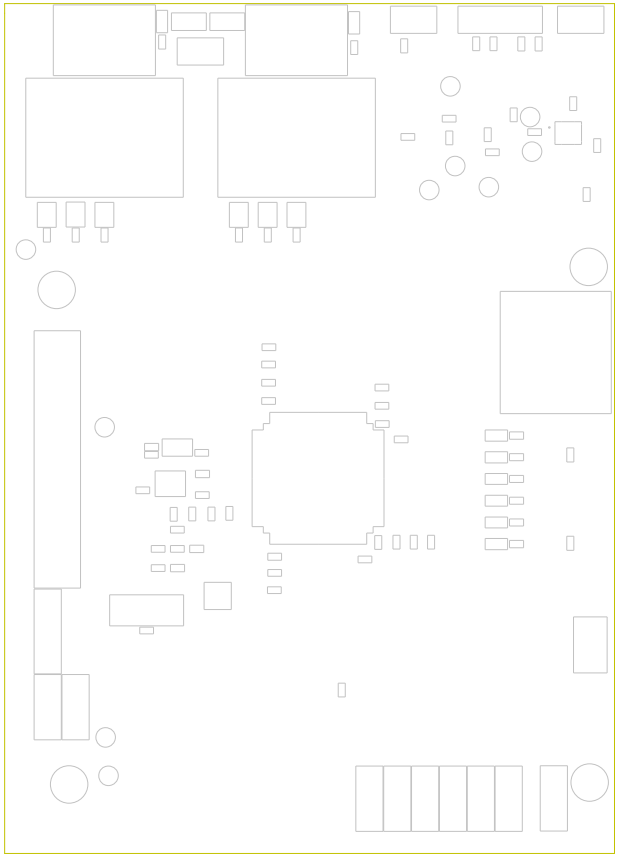

J16
J15
LED8
LED7
J25
J2
J26
C39
C38
R16
R15
R23
R12
R13
R11
R10
J17
TP15
C42
IC2
C41
C40
C36
C33
TP11
C37
U2
LSM6DSLTR
C32
C31
TP12
U3
C35
TP13
TP14
TP7
IC1
C34
A2
A1
JP1
JP2
JP3
JP4
JP5
JP6
TP16
R17
R19
R21
R18
R20
R22
H4
H3
J18
C22
C11
C16
C6
U1
C17
C13
C1
C5
J7
TP8
Y2
C28
R14
C29
Y1
R2
C21
C19
C14
C3
C8
C10
C25
C24
C27
L2
C26
L1
J8
C9
C23
C15
C4
C18
C20
C12
C7
LED1
R3
LED2
R5
LED3
R6
LED4
R7
LED5
R8
LED6
R9
R4
SW3
R1
SW2
SWD1
J1
SW1
C2
GND
+5V
SDA
SCL
TX
RX
INT
PWM
GPS
GND
+3V3
MOSI
MISO
SCK
CS
RST
AN
mikroBUS
J5
J6
H2
TP10
TP9
J9
J3
J4
J13
J12
J11
J10
H1

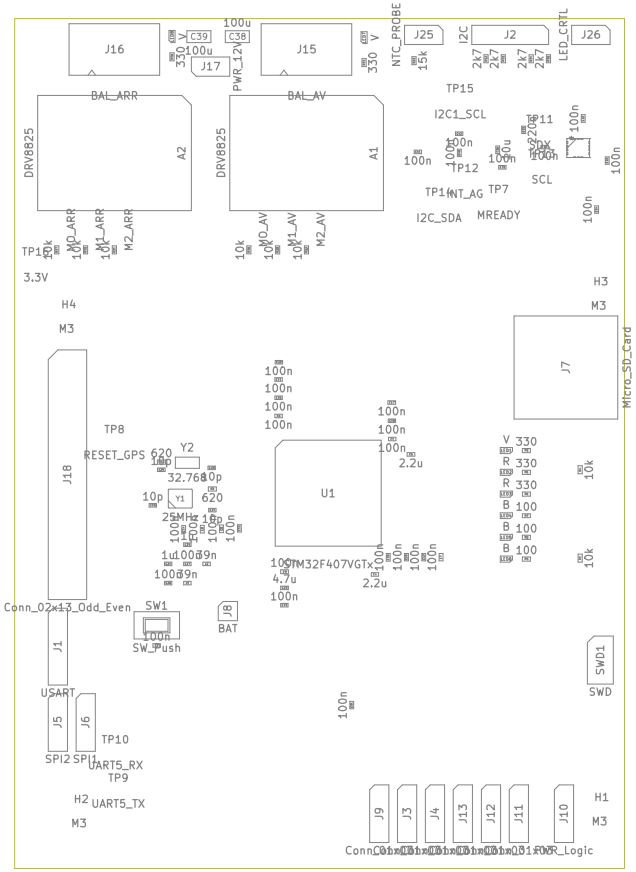





80,010 mm
107,823 mm






J16
J17
J15
J25
J2
J26
C39
C38
PWR_12V
NTC_PROBE
I2C
LED_CRTL
BAL_ARR
BAL_AV
DRV8825
A2
A1
TP15
I2C1_SCL
TP11
TP12
TP7
SCL
I2C_SDA
MREADY
M0_ARR
M1_ARR
M2_ARR
M0_AV
M1_AV
M2_AV
3.3V
H4
M3
H3
J7
Micro_SD_Card
TP8
RESET_GPS
Y2
Y1
J18
U1
TM32F407VGTx
Conn_02x13_Odd_Even
SW1
SW_Push
J8
BAT
J1
USART
J5
J6
SPI2
SPI1
TP10
UART5_RX
TP9
H2
UART5_TX
SWD1
SWD
J9
J3
J4
J13
J12
J11
J10
H1