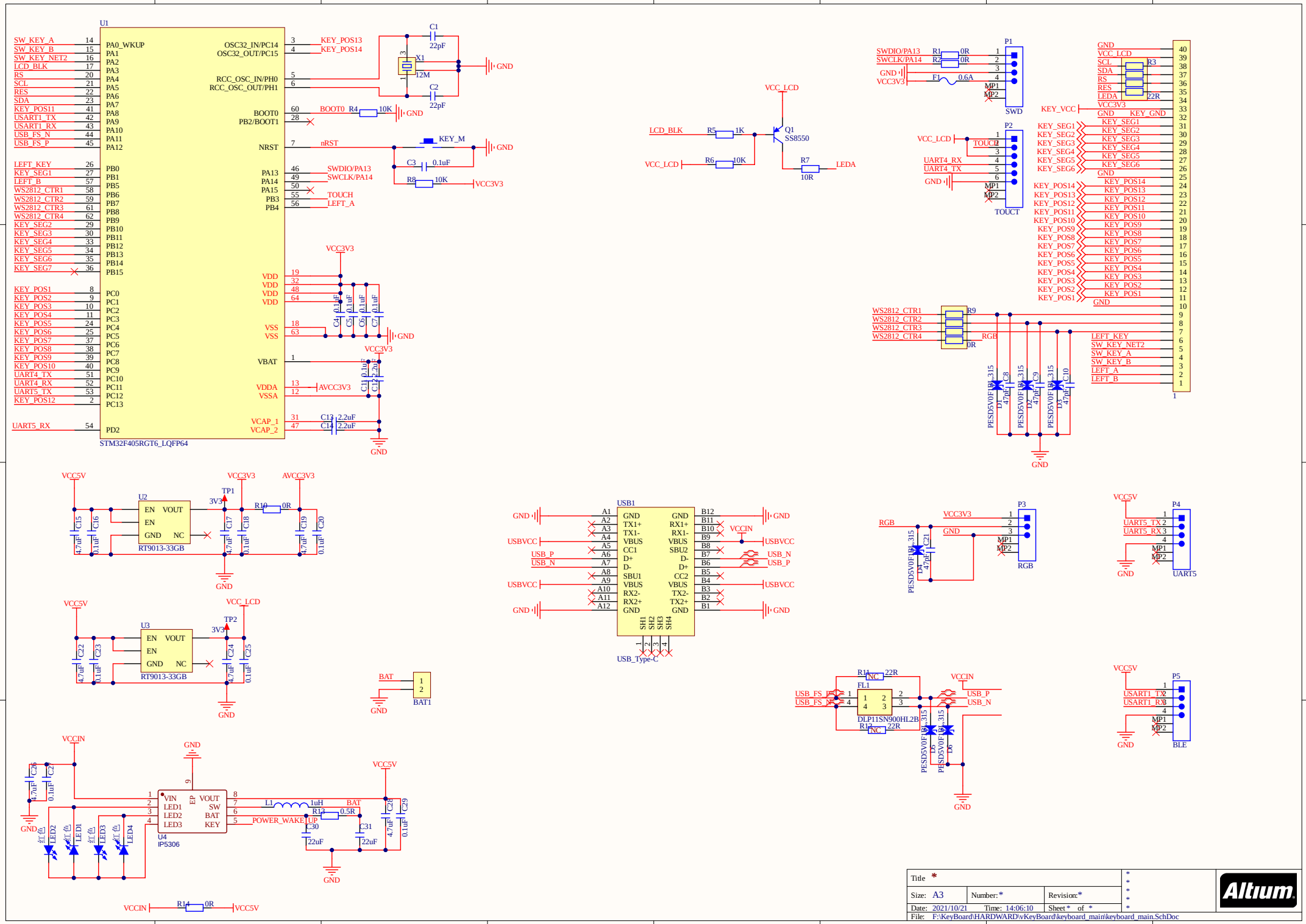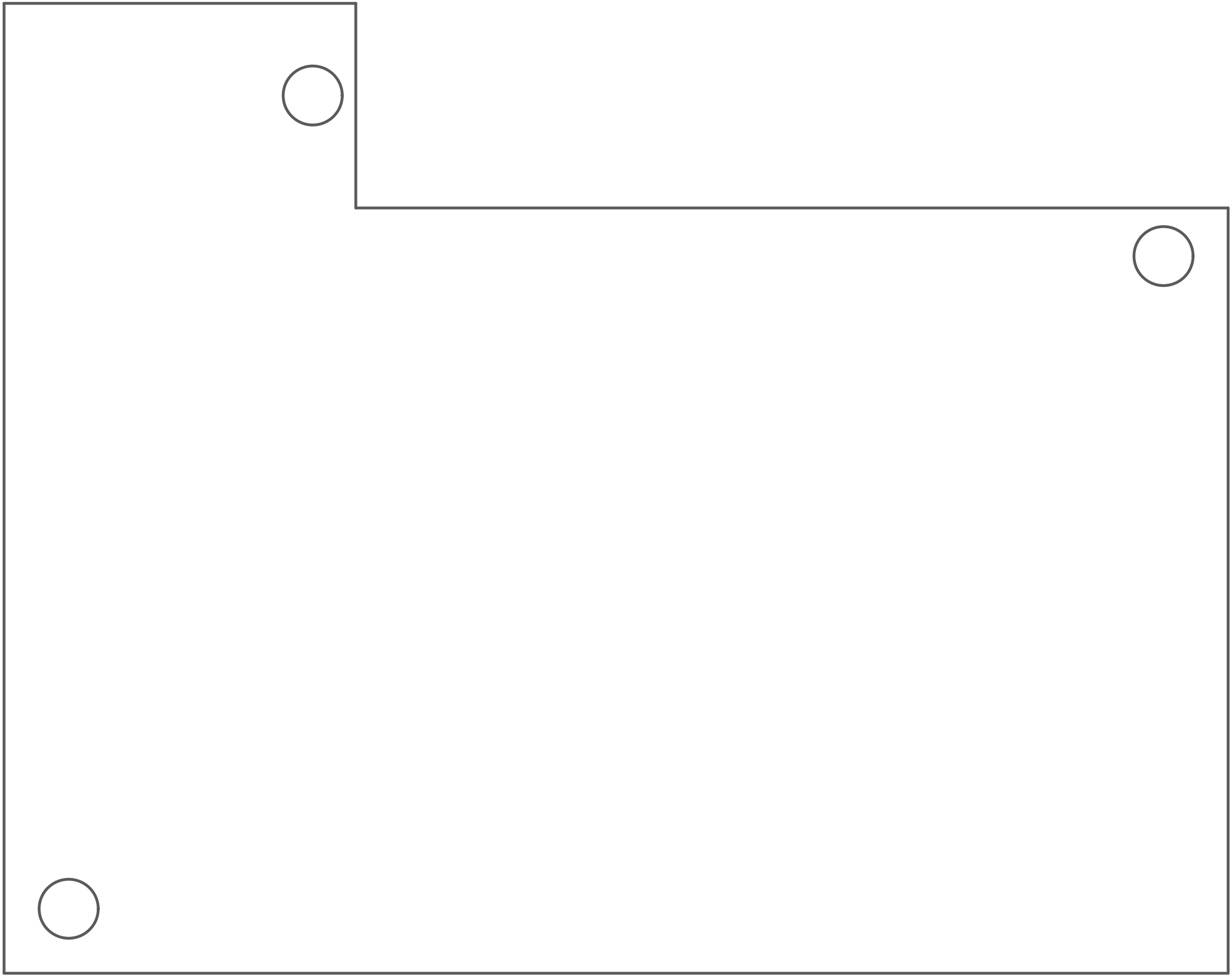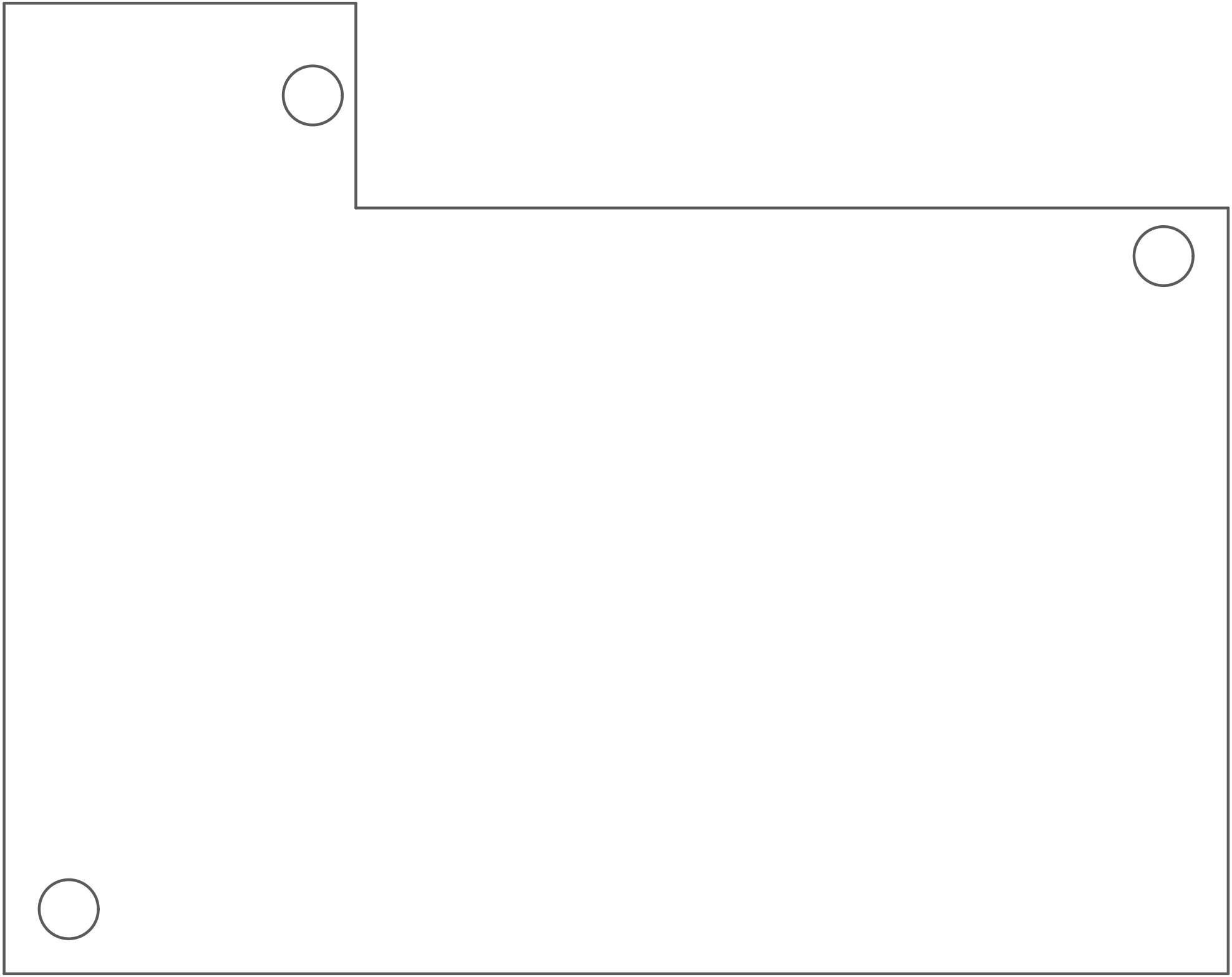
U1
STM32F405RGT6_LQFP64
PA0_WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PB0
PB1
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
PC10
PC11
PC12
PC13
PD2
OSC32_IN/PC14
OSC32_OUT/PC15
RCC_OSC_IN/PH0
RCC_OSC_OUT/PH1
BOOT0
PB2/BOOT1
NRST
PA13
PA14
PA15
PB3
PB4
VDD
VSS
VBAT
VDDA
VSSA
VCAP_1
VCAP_2
SW_KEY_A
SW_KEY_B
SW_KEY_NET2
LCD_BLK
RS
SCL
RES
SDA
KEY_POS11
USART1_TX
USART1_RX
USB_FS_N
USB_FS_P
LEFT_KEY
KEY_SEG1
LEFT_B
WS2812_CTR1
WS2812_CTR2
WS2812_CTR3
WS2812_CTR4
KEY_SEG2
KEY_SEG3
KEY_SEG4
KEY_SEG5
KEY_SEG6
KEY_SEG7
KEY_POS1
KEY_POS2
KEY_POS3
KEY_POS4
KEY_POS5
KEY_POS6
KEY_POS7
KEY_POS8
KEY_POS9
KEY_POS10
UART4_TX
UART4_RX
UART5_TX
KEY_POS12
UART5_RX
KEY_POS13
KEY_POS14
BOOT0
R4
10K
nRST
KEY_M
C3
0.1uF
R8
10K
VCC3V3
SWDIO/PA13
SWCLK/PA14
TOUCH
LEFT_A
C1
22pF
X1
12M
C2
22pF
GND
VCC3V3
C4
0.1uF
C5
0.1uF
C6
0.1uF
C7
0.1uF
AVCC3V3
C11
0.1uF
C12
2.2uF
C13
2.2uF
C14
2.2uF
VCC_LCD
Q1
SS8550
LCD_BLK
R5
1K
R6
10K
R7
10R
LEDA
P1
SWD
SWDIO/PA13
SWCLK/PA14
R1
0R
R2
0R
F1
0.6A
VCC3V3
P2
TOUCT
VCC_LCD
UART4_RX
UART4_TX
GND
KEY_VCC
KEY_GND
R3
22R
R9
0R
RGB
PESD5V0F1BL
D1
D2
D3
47pF
C8
C9
C10
VCC5V
U2
RT9013-33GB
EN
VOUT
GND
NC
TP1
3V3
R10
0R
C15
C16
C17
C18
C19
C20
4.7uF
0.1uF
U3
RT9013-33GB
TP2
C22
C23
C24
C25
USB1
USB_Type-C
VCCIN
USB_P
USB_N
USBVCC
SH1
SH2
SH3
SH4
P3
RGB
P4
UART5
P5
BLE
BAT
BAT1
U4
IP5306
VIN
LED1
LED2
LED3
EP
VOUT
SW
BAT
KEY
L1
1uH
R13
0.5R
POWER_WAKE
C30
22uF
C31
22uF
C26
C27
C28
C29
LED1
LED2
LED3
LED4
R11
NC
22R
R12
NC
22R
FL1
DLP11SN900HL2B
D5
D6
R14
0R
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Number: *
Revision: *
Date: 2021/10/21
Time: 14:06:10
Sheet * of *
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Altium