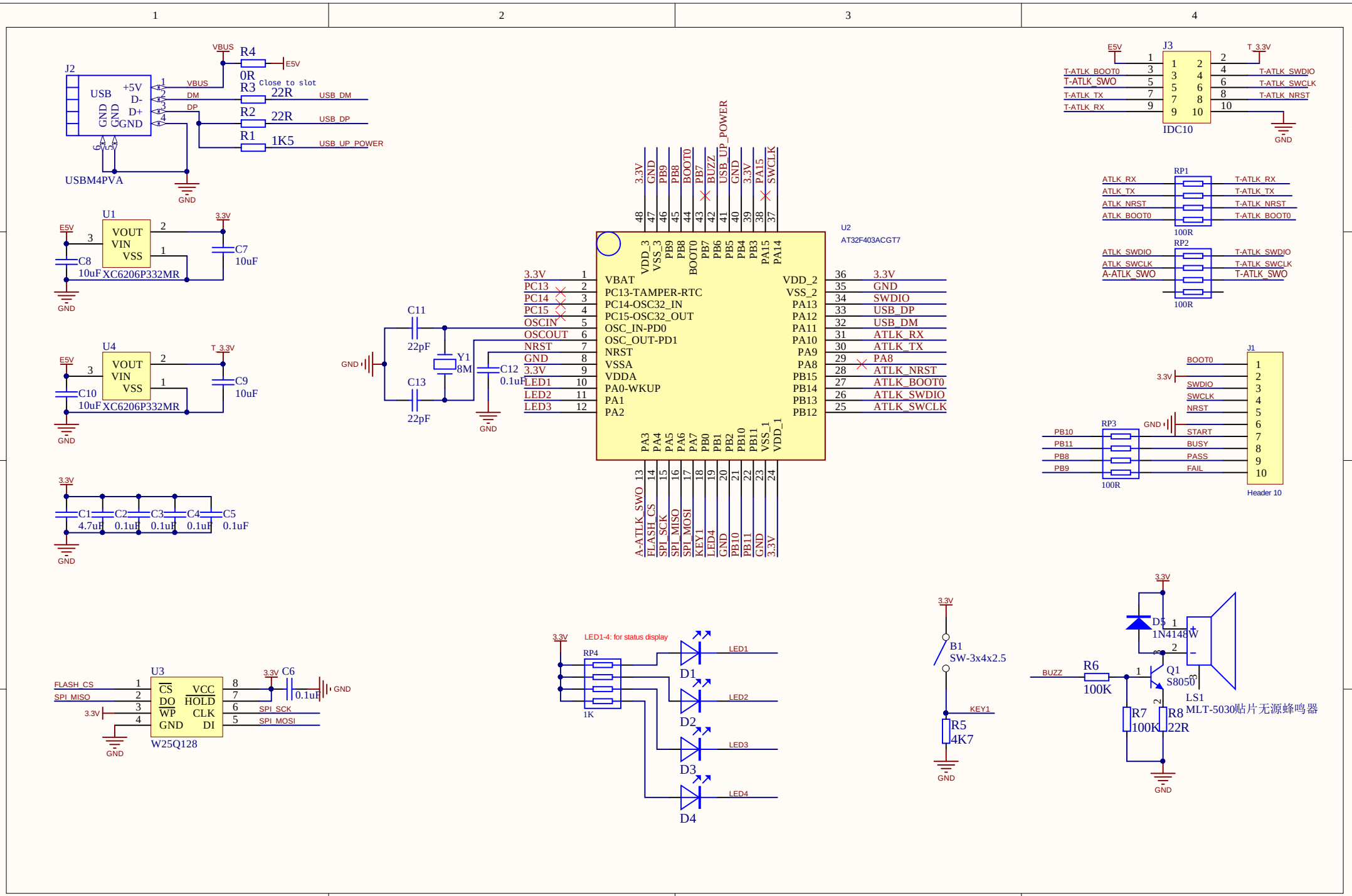
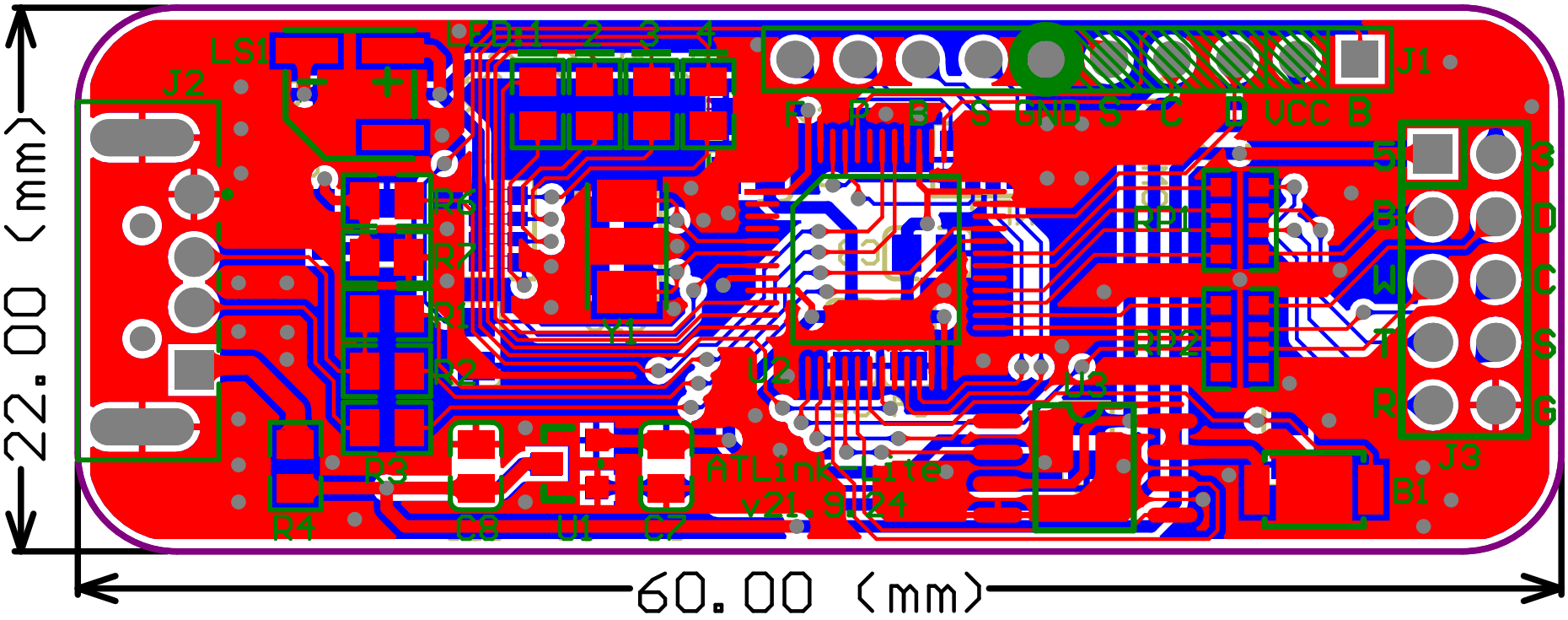

J2
USB
+5V
D-
D+
GND
GND
GND
USBM4PVA
VBUS
DM
DP
R4
0R
E5V
Close to slot
R3
22R
USB_DM
R2
22R
USB_DP
R1
1K5
USB_UP_POWER
GND
U1
VOUT
VIN
VSS
XC6206P332MR
E5V
3.3V
C8
10uF
C7
10uF
U4
VOUT
VIN
VSS
XC6206P332MR
E5V
T_3.3V
C10
10uF
C9
10uF
3.3V
C1
4.7uF
C2
0.1uF
C3
0.1uF
C4
0.1uF
C5
0.1uF
U3
CS
DO
WP
GND
VCC
HOLD
CLK
DI
W25Q128
FLASH_CS
SPI_MISO
SPI_SCK
SPI_MOSI
C6
0.1uF
U2
AT32F403ACGT7
VBAT
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32_OUT
OSC_IN-PD0
OSC_OUT-PD1
NRST
VSSA
VDDA
PA0-WKUP
PA1
PA2
VDD_2
VSS_2
PA13
PA12
PA11
PA10
PA9
PA8
PB15
PB14
PB13
PB12
VDD_3
VSS_3
PB9
PB8
BOOT0
PB7
PB6
PB5
PB4
PB3
PA15
PA14
PA3
PA4
PA5
PA6
PA7
PB0
PB1
PB2
PB10
PB11
VSS_1
VDD_1
BUZZ
USB_UP_POWER
SWCLK
A-ATLK_SWO
FLASH_CS
SPI_SCK
SPI_MISO
SPI_MOSI
KEY1
LED4
PB10
PB11
3.3V
C11
22pF
C13
22pF
Y1
8M
C12
0.1uF
GND
LED1-4: for status display
RP4
1K
D1
D2
D3
D4
LED1
LED2
LED3
LED4
B1
SW-3x4x2.5
KEY1
R5
4K7
BUZZ
R6
100K
D5
1N4148W
Q1
S8050
R7
100K
R8
22R
LS1
MLT-5030贴片无源蜂鸣器
J3
IDC10
E5V
T_3.3V
T-ATLK_BOOT0
T-ATLK_SWO
T-ATLK_TX
T-ATLK_RX
T-ATLK_SWDIO
T-ATLK_SWCLK
T-ATLK_NRST
RP1
100R
ATLK_RX
ATLK_TX
ATLK_NRST
ATLK_BOOT0
RP2
100R
ATLK_SWDIO
ATLK_SWCLK
A-ATLK_SWO
T-ATLK_SWO
J1
Header 10
BOOT0
SWDIO
SWCLK
NRST
START
BUSY
PASS
FAIL
RP3
100R
PB10
PB11
PB8
PB9


LS1
J2
LED 1 2 3 4
R6
R7
R1
R2
R3
R4
Y1
U2
C8
U1
C7
ATLink-Lite
v21.9.24
R P B S GND S C D VCC B
J1
J3
B1
RP1
RP2
5 B W T R
3 D C S G
22.00 (mm)
60.00 (mm)