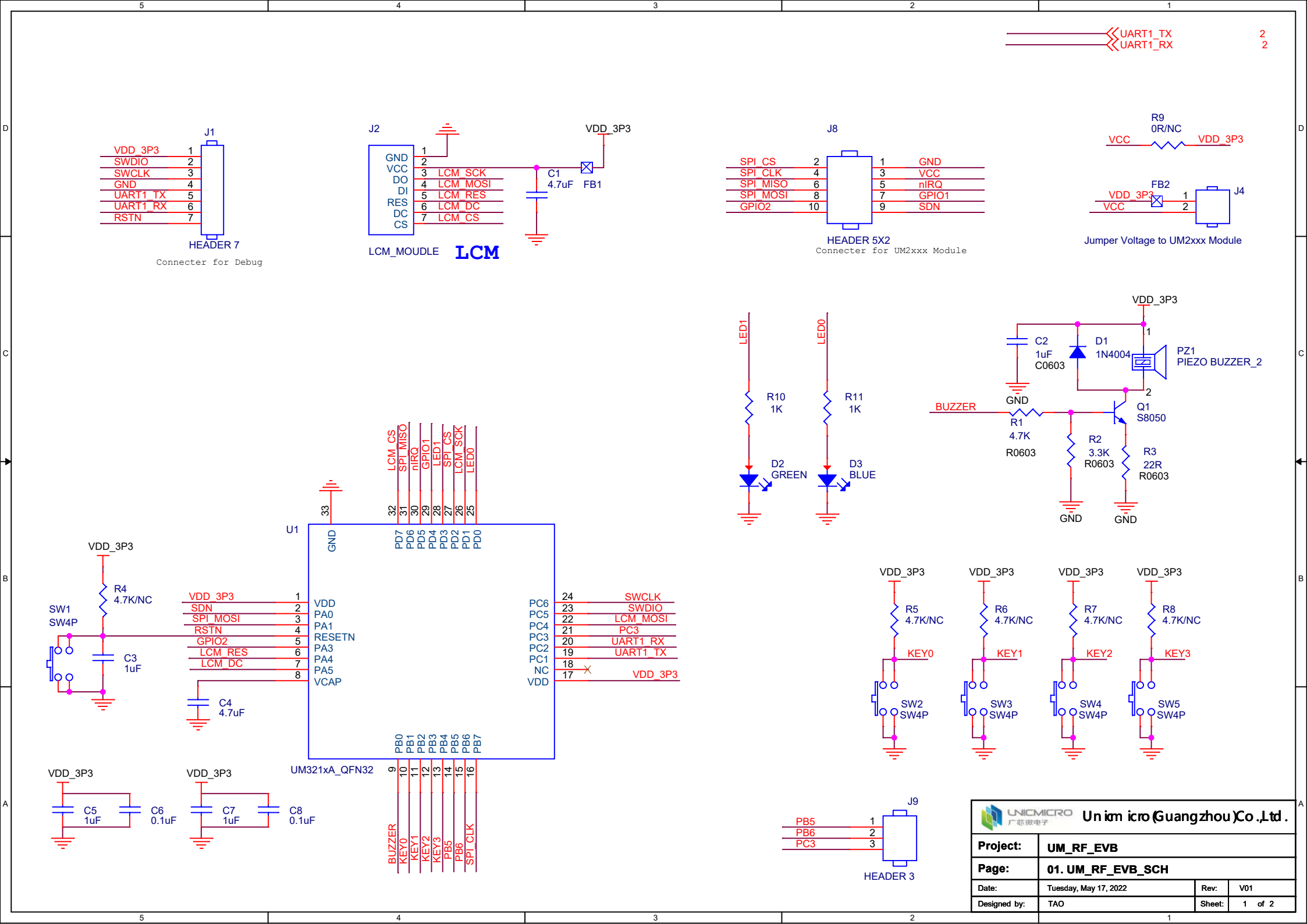
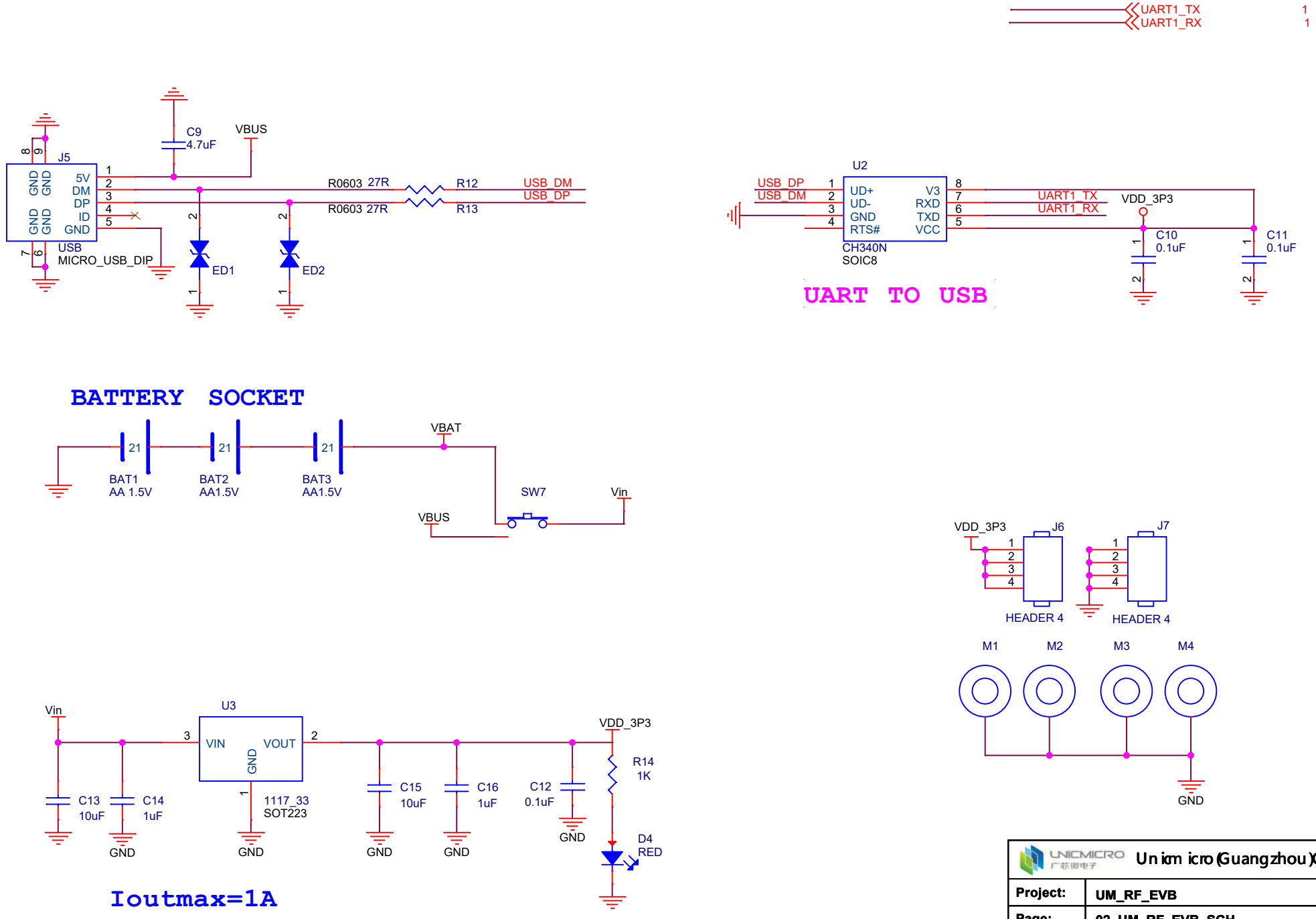

UART1_TX
UART1_RX
J1
VDD_3P3
SWDIO
SWCLK
GND
UART1_TX
UART1_RX
RSTN
HEADER 7
Connecter for Debug
J2
GND
VCC
DO
DI
RES
DC
CS
LCM_SCK
LCM_MOSI
LCM_RES
LCM_DC
LCM_CS
C1
4.7uF
FB1
VDD_3P3
LCM_MOUDLE
LCM
J8
SPI_CS
SPI_CLK
SPI_MISO
SPI_MOSI
GPIO2
GND
VCC
nIRQ
GPIO1
SDN
HEADER 5X2
Connecter for UM2xxx Module
R9
0R/NC
VCC
VDD_3P3
FB2
J4
Jumper Voltage to UM2xxx Module
LED1
LED0
R10
1K
R11
1K
D2
GREEN
D3
BLUE
C2
1uF
C0603
D1
1N4004
PZ1
PIEZO BUZZER_2
BUZZER
R1
4.7K
R0603
Q1
S8050
R2
3.3K
R0603
R3
22R
R0603
GND
U1
LCM_CS
SPI_MISO
nIRQ
GPIO1
LED1
SPI_CS
LCM_SCK
LED0
PD7
PD6
PD5
PD4
PD3
PD2
PD1
PD0
VDD
PA0
PA1
RESETN
PA3
PA4
PA5
VCAP
PC6
PC5
PC4
PC3
PC2
PC1
NC
SWCLK
SWDIO
LCM_MOSI
PC3
UART1_RX
UART1_TX
UM321xA_QFN32
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
BUZZER
KEY0
KEY1
KEY2
KEY3
PB5
PB6
SPI_CLK
SW1
SW4P
R4
4.7K/NC
C3
1uF
C4
4.7uF
C5
1uF
C6
0.1uF
C7
1uF
C8
0.1uF
R5
4.7K/NC
R6
4.7K/NC
R7
4.7K/NC
R8
4.7K/NC
SW2
SW3
SW4
SW5
J9
PB5
PB6
PC3
HEADER 3
UNICMICRO 广芯微电子
Unicmicro(Guangzhou)Co.,Ltd.
Project: UM_RF_EVB
Page: 01. UM_RF_EVB_SCH
Date: Tuesday, May 17, 2022
Rev: V01
Designed by: TAO
Sheet: 1 of 2


UART1_TX
UART1_RX
C9
4.7uF
VBUS
J5
GND
GND
5V
DM
DP
ID
GND
USB
MICRO_USB_DIP
R0603 27R
R12
R0603 27R
R13
USB_DM
USB_DP
ED1
ED2
U2
USB_DP
USB_DM
UD+
UD-
GND
RTS#
V3
RXD
TXD
VCC
CH340N
SOIC8
UART1_TX
UART1_RX
VDD_3P3
C10
0.1uF
C11
0.1uF
UART TO USB
BATTERY SOCKET
BAT1
AA 1.5V
BAT2
AA1.5V
BAT3
AA1.5V
VBAT
SW7
Vin
VBUS
VDD_3P3
J6
J7
HEADER 4
HEADER 4
M1
M2
M3
M4
GND
Vin
U3
VIN
VOUT
GND
1117_33
SOT223
C13
10uF
C14
1uF
C15
10uF
C16
1uF
C12
0.1uF
R14
1K
D4
RED
Ioutmax=1A
Unicmicro(Guangzhou)Co.,Ltd.
Project:
UM_RF_EVB
Page:
02. UM_RF_EVB_SCH
Date:
Tuesday, May 17, 2022
Rev:
V01
Designed by:
TAO
Sheet:
2 of 2