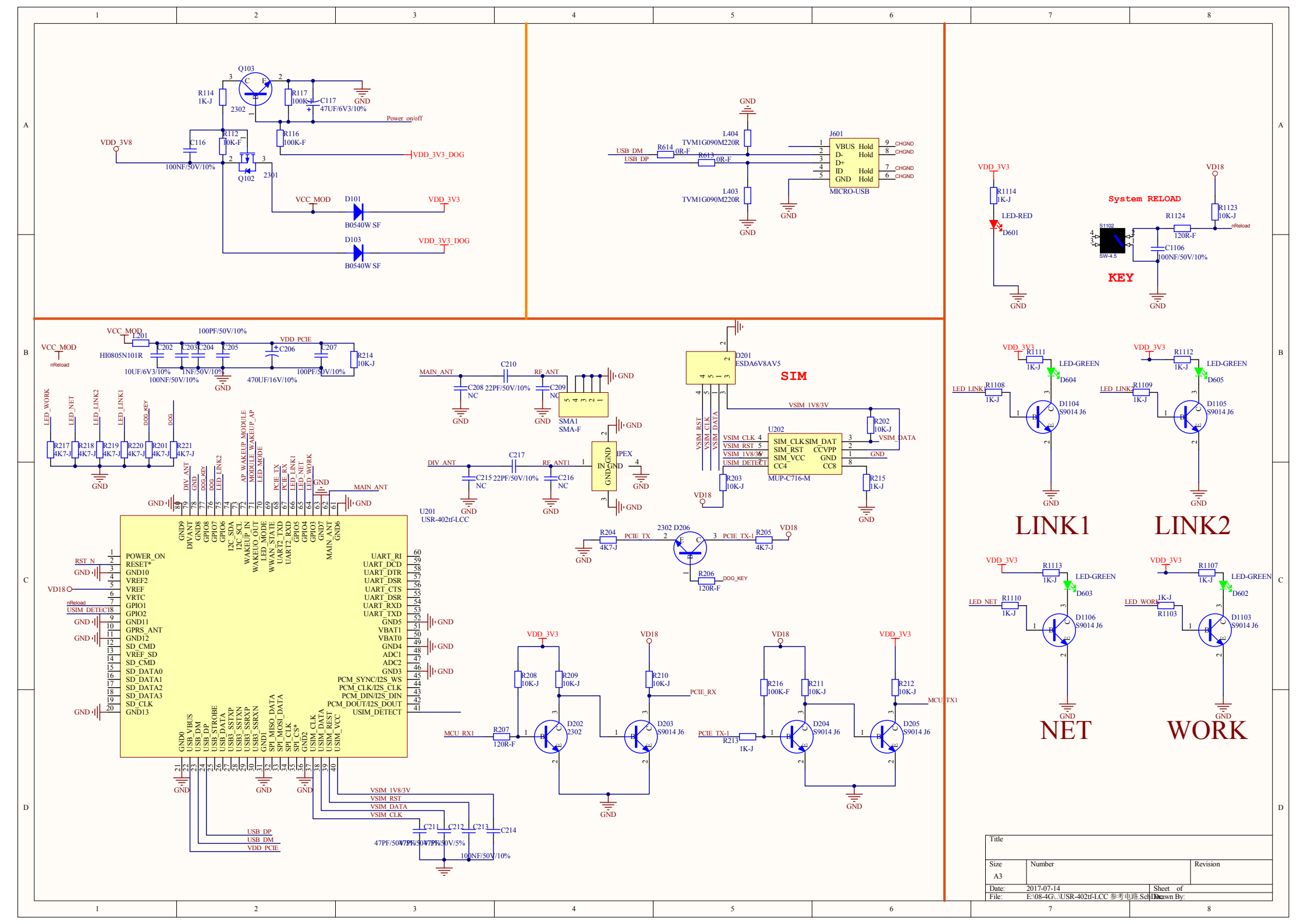
Q103
R114 1K-J
R117 100K-F
C117 47UF/6V3/10%
GND
Power_on/off
VDD_3V8
C116 100NF/50V/10%
R112 10K-F
R116 100K-F
VDD_3V3_DOG
Q102
2302
2301
VCC_MOD
D101
VDD_3V3
B0540W SF
D103
VDD_3V3_DOG
B0540W SF
L404 TVM1G090M220R
L403 TVM1G090M220R
USB_DM
USB_DP
R614 0R-F
R613 0R-F
J601
VBUS Hold
D- Hold
D+ Hold
ID Hold
GND Hold
MICRO-SUB
CHGND
VDD_3V3
R1114 1K-J
LED-RED
D601
System RELOAD
VD18
R1123 10K-J
R1124 120R-F
nReload
S1102
SW-4.5
C1106 100NF/50V/10%
KEY
VCC_MOD
nReload
L201 HI0805N101R
C202 10UF/6V3/10%
C203 100NF/50V/10%
C204 1NF/50V/10%
C205
C206 470UF/16V/10%
C207 100PF/50V/10%
VDD_PCIE
R214 10K-J
LED_WORK
LED_NET
LED_LINK2
LED_LINK1
DOG_KEY
DOG
R217 4K7-J
R218 4K7-J
R219 4K7-J
R220 4K7-J
R201 4K7-J
R221 4K7-J
MAIN_ANT
C210
C208 22PF/50V/10% NC
C209 NC
RF_ANT
SMA1 SMA-F
DIV_ANT
C217
C215 22PF/50V/10% NC
C216 NC
RF_ANT1
IPEX
U201 USR-402tf-LCC
D201 ESDA6V8AV5
SIM
VSIM_1V8/3V
VSIM_RST
VSIM_CLK
VSIM_DATA
U202
SIM_CLK SIM_DAT
SIM_RST CCVPP
SIM_VCC GND
CC4 CC8
MUP-C716-M
R202 10K-J
R203 10K-J
R215 1K-J
R204 4K7-J
PCIE_TX
2302 D206
PCIE_TX-1
R205 4K7-J
R206 120R-F
DOG_KEY
POWER_ON
RESET*
VREF2
VREF
VRTC
GPIO1
GPIO2
GPRS_ANT
SD_CMD
VREF_SD
SD_DATA0
SD_DATA1
SD_DATA2
SD_DATA3
SD_CLK
UART_RI
UART_DCD
UART_DTR
UART_DSR
UART_CTS
UART_RXD
UART_TXD
PCM_SYNC/I2S_WS
PCM_CLK/I2S_CLK
PCM_DIN/I2S_DIN
PCM_DOUT/I2S_DOUT
USIM_DETECT
USB_VBUS
USB_DM
USB_DP
USB_STROBE
USB_DATA
USB_SSTXP
USB_SSTXN
USB_SSRXP
USB_SSRXN
SPI_MISO_DATA
SPI_MOSI_DATA
SPI_CLK
SPI_CS*
USIM_CLK
USIM_DATA
USIM_REST
USIM_VCC
R208 10K-J
R209 10K-J
R210 10K-J
PCIE_RX
MCU_RX1
R207 120R-F
D202 2302
D203 S9014 J6
R216 100K-F
R211 10K-J
R212 10K-J
MCU_TX1
PCIE_TX-1
R213 1K-J
D204 S9014 J6
D205 S9014 J6
C211 47PF/50V/5%
C212 47PF/50V/5%
C213
C214 100NF/50V/10%
R1111 1K-J
LED-GREEN
D604
LED_LINK1
R1108 1K-J
D1104 S9014 J6
LINK1
R1112 1K-J
D605
LED_LINK2
R1109 1K-J
D1105 S9014 J6
LINK2
R1113 1K-J
D603
LED_NET
R1110 1K-J
D1106 S9014 J6
NET
R1107 1K-J
D602
LED_WORK
R1103 1K-J
D1103 S9014 J6
WORK
Title
Size A3
Number
Revision
Date: 2017-07-14
Sheet of
File: E:\08-4G\..\USR-402tf-LCC 参考电路.SchDoc
Drawn By: