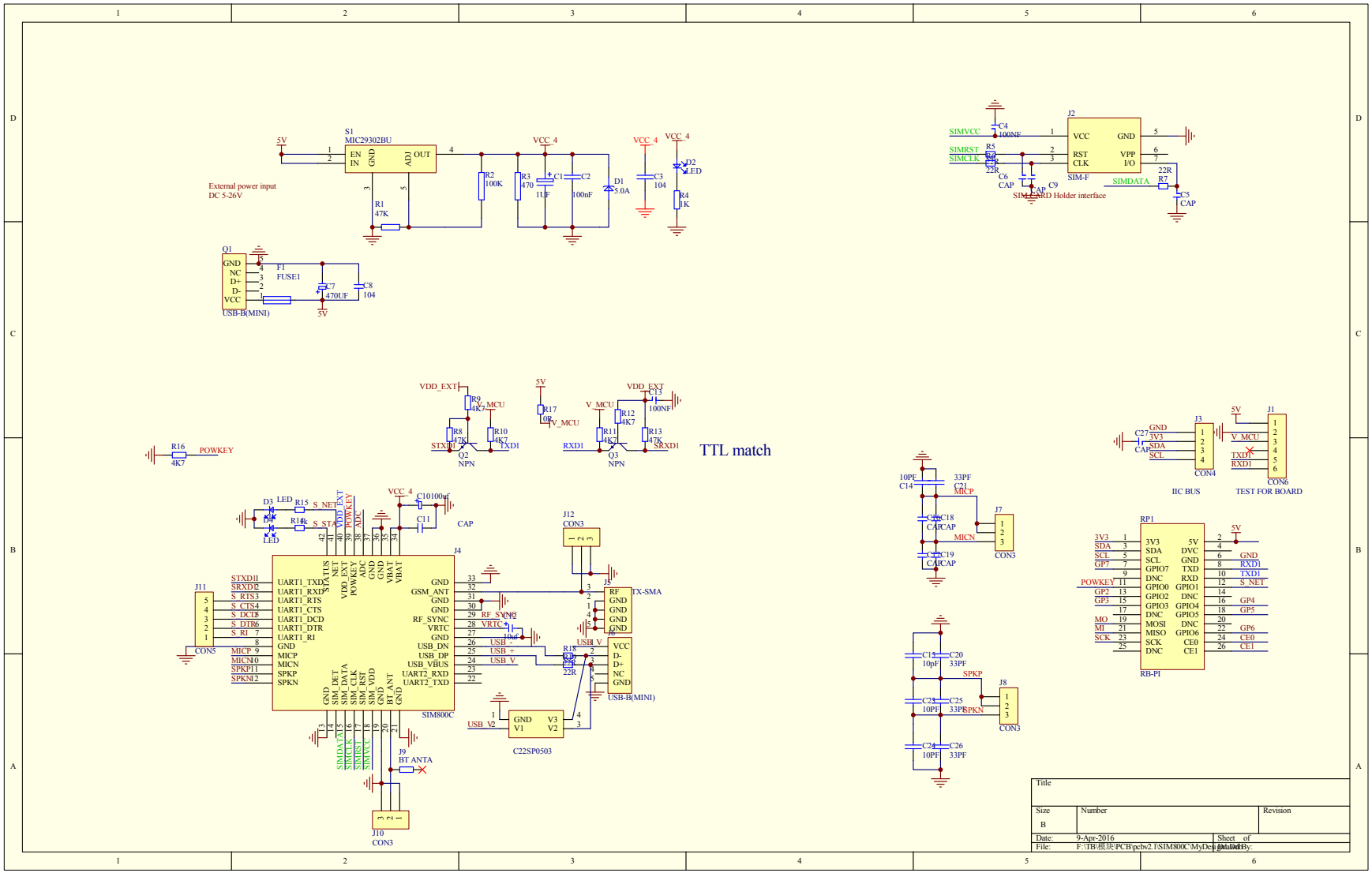
S1
MIC29302BU
5V
VCC_4
External power input
DC 5-26V
R1 47K
R2 100K
R3 470
C1 1UF
C2 100nF
D1 5.0A
C3 104
D2 LED
R4 1K
Q1
USB-B(MINI)
F1 FUSE1
C7 470UF
C8 104
J2
SIM-F
SIMVCC
SIMRST
SIMCLK
SIMDATA
C4 100NF
C5 CAP
C6 CAP
C9 CAP
R5 22R
R7 22R
SIM CARD Holder interface
VDD_EXT
V_MCU
R9 4K7
R10 4K7
R11 4K7
R12 4K7
R13 4K7
C13 100NF
R17 0R
Q2 NPN
Q3 NPN
TTL match
R16 4K7
POWKEY
D3 LED
R15
R14
S_NET
S_STA
C10 100nf
C11 CAP
J4
SIM800C
J11
CON5
J12
CON3
J5
RF_TX-SMA
J6
USB-B(MINI)
C22SP0503
J9 BT ANTA
J10
CON3
C14 10PF
C21 33PF
C18 CAP
C19 CAP
J7
CON3
MICP
MICN
C15 10pF
C20 33PF
C23 10PF
C25 33PF
C24 10PF
C26 33PF
SPKP
SPKN
J8
CON3
J3
CON4
IIC BUS
J1
CON6
TEST FOR BOARD
RP1
RB-PI
Title
Size B
Number
Revision
Date: 9-Apr-2016
Sheet of
File: F:\TB\模块\PCB\pcbv2.1\SIM800C\MyDesign.ddb
Drawn By: