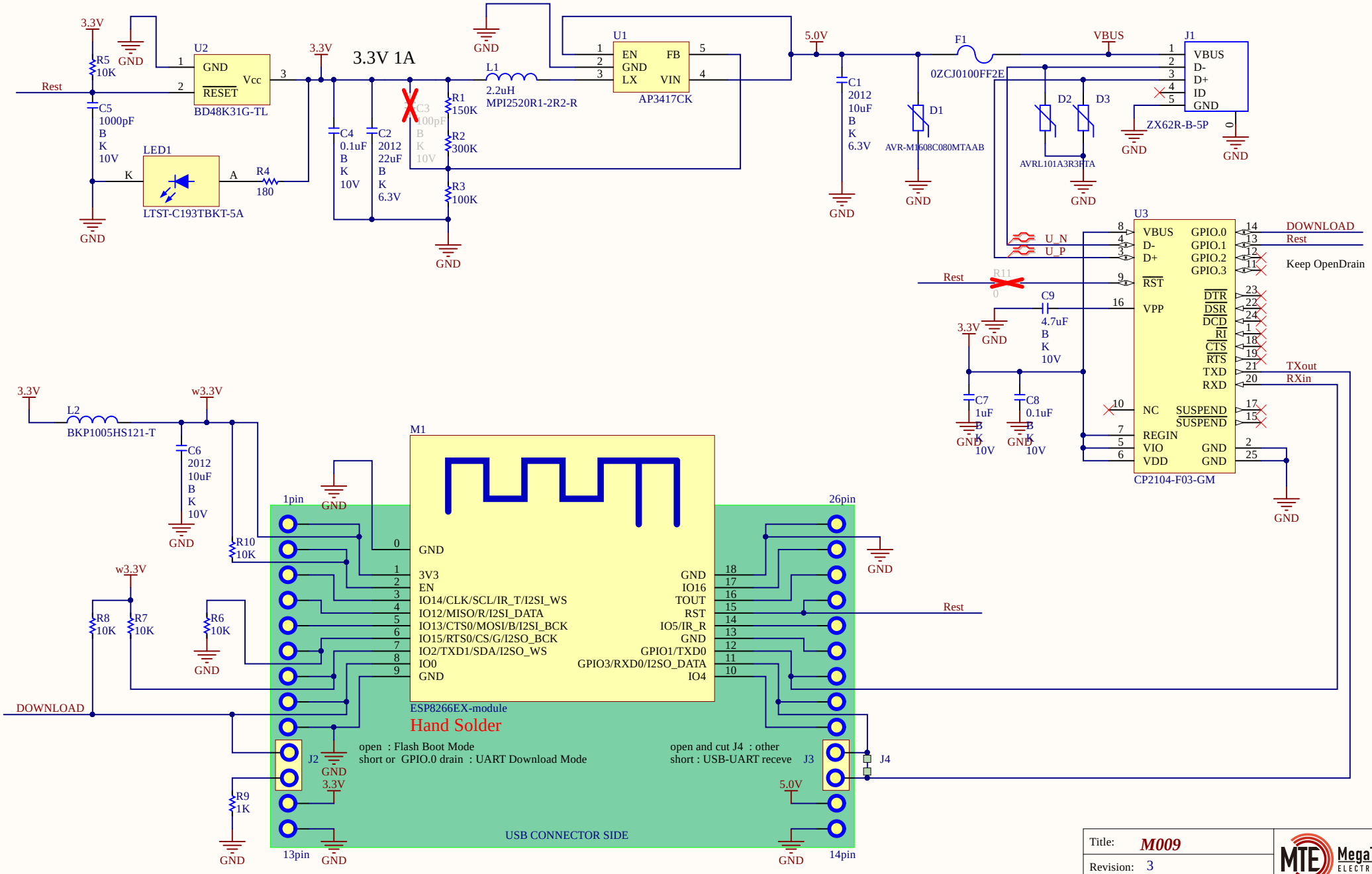
3.3V
R5 10K
GND
U2
GND
Vcc
RESET
BD48K31G-TL
Rest
C5 1000pF B K 10V
LED1
K
A
R4 180
LTST-C193TBKT-5A
3.3V 1A
C4 0.1uF B K 10V
C2 2012 22uF B K 6.3V
C3 100pF B K 10V
R1 150K
R2 300K
R3 100K
L1 2.2uH MPI2520R1-2R2-R
U1
EN
GND
LX
FB
VIN
AP3417CK
5.0V
C1 2012 10uF B K 6.3V
F1
0ZCJ0100FF2E
D1
AVR-M1608C080MTAAB
VBUS
J1
VBUS
D-
D+
ID
GND
ZX62R-B-5P
D2
D3
AVRL101A3R3HTA
U_N
U_P
U3
VBUS
D-
D+
RST
VPP
NC
REGIN
VIO
VDD
GPIO.0
GPIO.1
GPIO.2
GPIO.3
DTR
DSR
DCD
RI
CTS
RTS
TXD
RXD
SUSPEND
SUSPEND
GND
GND
CP2104-F03-GM
DOWNLOAD
Rest
Keep OpenDrain
TXout
RXin
R11 0
C9 4.7uF B K 10V
C7 1uF B K 10V
C8 0.1uF B K 10V
L2
BKP1005HS121-T
w3.3V
C6 2012 10uF B K 10V
R10 10K
R8 10K
R7 10K
R6 10K
R9 1K
M1
1pin
26pin
0 GND
1 3V3
2 EN
3 IO14/CLK/SCL/IR_T/I2SI_WS
4 IO12/MISO/R/I2SI_DATA
5 IO13/CTS0/MOSI/B/I2SI_BCK
6 IO15/RTS0/CS/G/I2SO_BCK
7 IO2/TXD1/SDA/I2SO_WS
8 IO0
9 GND
18 GND
17 IO16
16 TOUT
15 RST
14 IO5/IR_R
13 GND
12 GPIO1/TXD0
11 GPIO3/RXD0/I2SO_DATA
10 IO4
ESP8266EX-module
Hand Solder
open : Flash Boot Mode
short or GPIO.0 drain : UART Download Mode
open and cut J4 : other
short : USB-UART receve
J2
J3
J4
13pin
14pin
USB CONNECTOR SIDE
Title: M009
Revision: 3
Sheet: 1 of 1
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