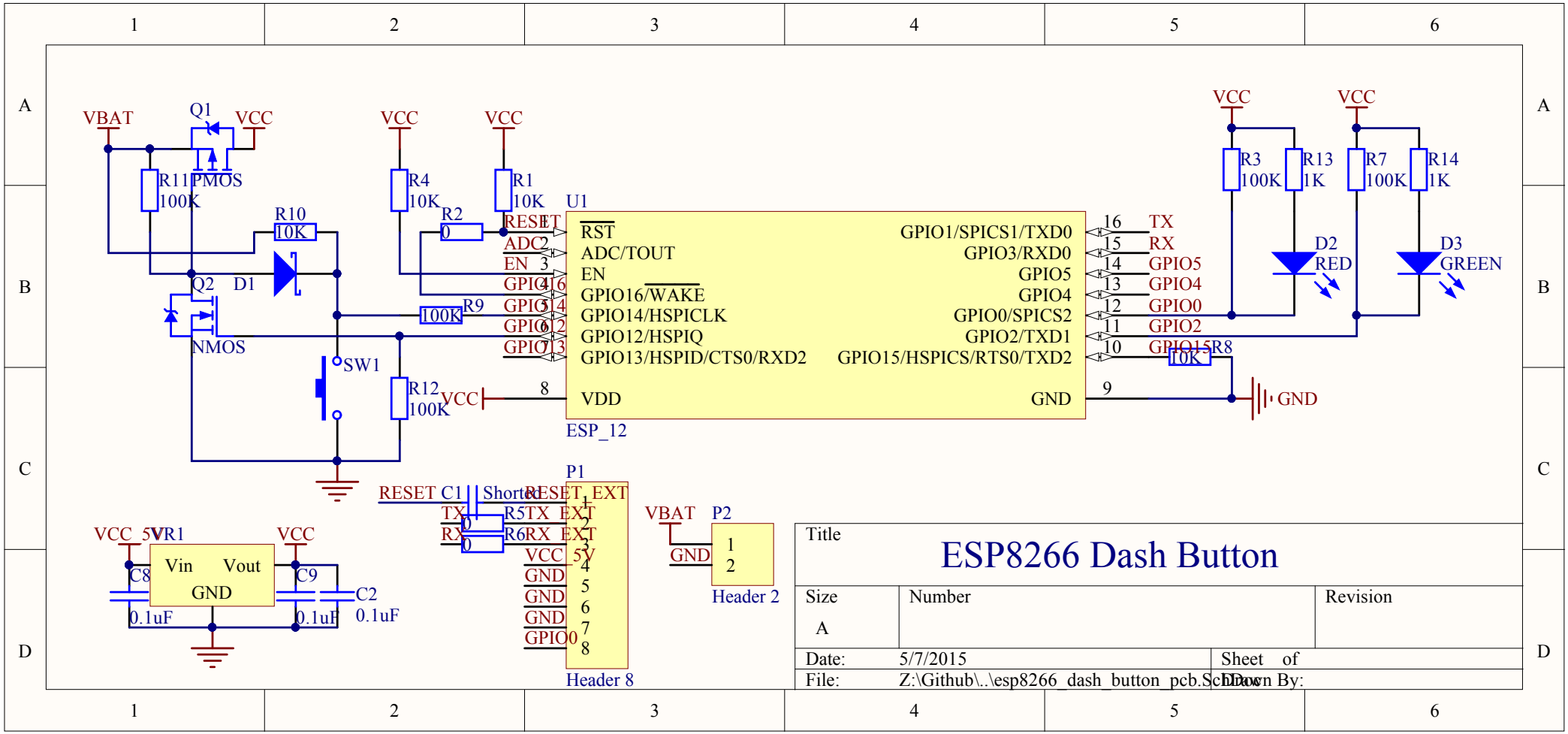
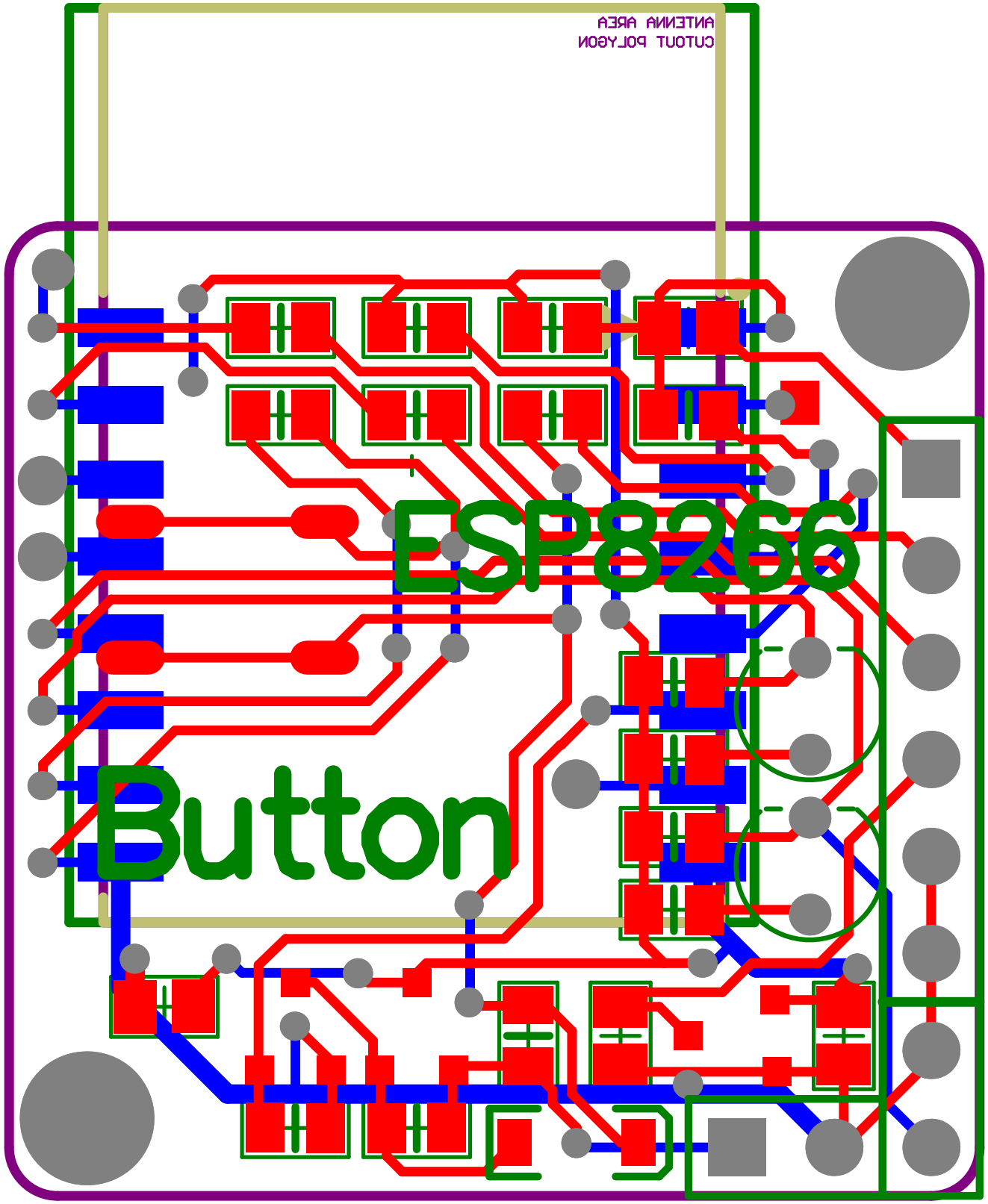

VBAT
Q1
PMOS
VCC
R11
100K
R10
10K
D1
Q2
NMOS
SW1
R12
100K
R4
10K
R2
0
R1
10K
R9
100K
U1
RST
ADC/TOUT
EN
GPIO16/WAKE
GPIO14/HSPICLK
GPIO12/HSPIQ
GPIO13/HSPID/CTS0/RXD2
VDD
GPIO1/SPICS1/TXD0
GPIO3/RXD0
GPIO5
GPIO4
GPIO0/SPICS2
GPIO2/TXD1
GPIO15/HSPICS/RTS0/TXD2
GND
RESET
ADC
EN
GPIO16
GPIO14
GPIO12
GPIO13
TX
RX
GPIO5
GPIO4
GPIO0
GPIO2
GPIO15
ESP_12
R3
100K
R13
1K
R7
100K
R14
1K
D2
RED
D3
GREEN
R8
10K
GND
VCC_5V
VR1
Vin
Vout
GND
C8
0.1uF
C9
0.1uF
C2
0.1uF
RESET C1
Shorted
TX
R5
RX
R6
P1
RESET_EXT
TX_EXT
RX_EXT
VCC_5V
GND
GPIO0
Header 8
VBAT
P2
GND
Header 2
Title
ESP8266 Dash Button
Size
A
Number
Revision
Date: 5/7/2015
Sheet of
File: Z:\Github\..\esp8266_dash_button_pcb.SchDoc
Drawn By:


ANTENNA AREA
CUTOUT POLYGON
ESP8266
Button