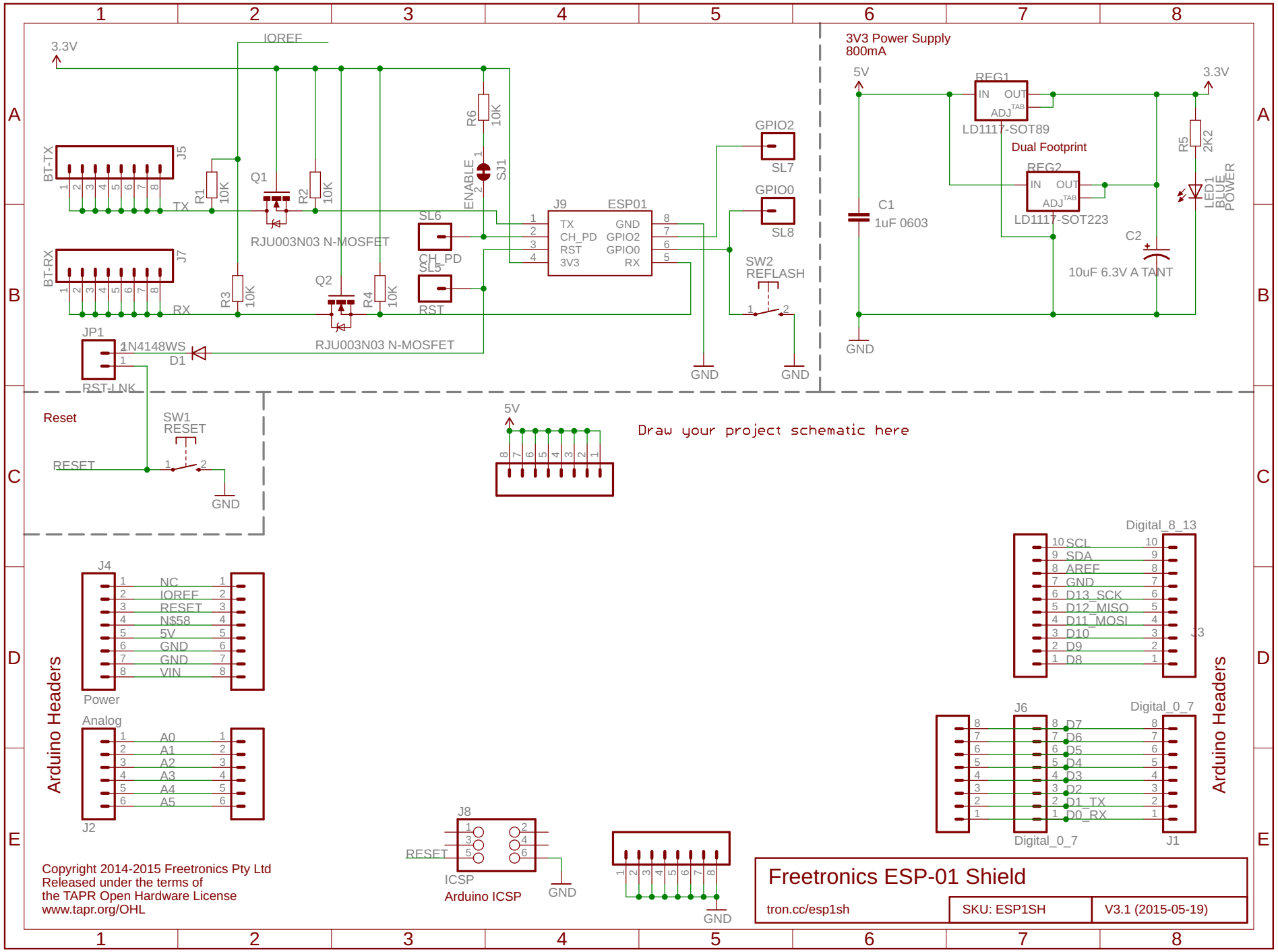
3.3V
IOREF
BT-TX
J5
TX
R1
10K
Q1
R2
10K
RJU003N03 N-MOSFET
R6
10K
ENABLE
SJ1
SL6
CH_PD
SL5
RST
J9
ESP01
TX
CH_PD
RST
3V3
GND
GPIO2
GPIO0
RX
GPIO2
SL7
GPIO0
SL8
SW2
REFLASH
GND
GND
BT-RX
J7
RX
R3
10K
Q2
R4
10K
RJU003N03 N-MOSFET
JP1
1N4148WS
D1
RST-LNK
3V3 Power Supply
800mA
5V
REG1
IN
OUT
ADJ
TAB
LD1117-SOT89
Dual Footprint
REG2
LD1117-SOT223
3.3V
R5
2K2
LED1
BLUE
POWER
C1
1uF 0603
C2
10uF 6.3V A TANT
GND
Reset
SW1
RESET
RESET
GND
5V
Draw your project schematic here
J4
NC
IOREF
RESET
N$58
5V
GND
GND
VIN
Power
Analog
A0
A1
A2
A3
A4
A5
J2
Arduino Headers
Digital_8_13
SCL
SDA
AREF
GND
D13_SCK
D12_MISO
D11_MOSI
D10
D9
D8
J3
J6
Digital_0_7
D7
D6
D5
D4
D3
D2
D1_TX
D0_RX
Digital_0_7
J1
Arduino Headers
J8
RESET
ICSP
Arduino ICSP
GND
GND
Freetronics ESP-01 Shield
tron.cc/esp1sh
SKU: ESP1SH
V3.1 (2015-05-19)
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