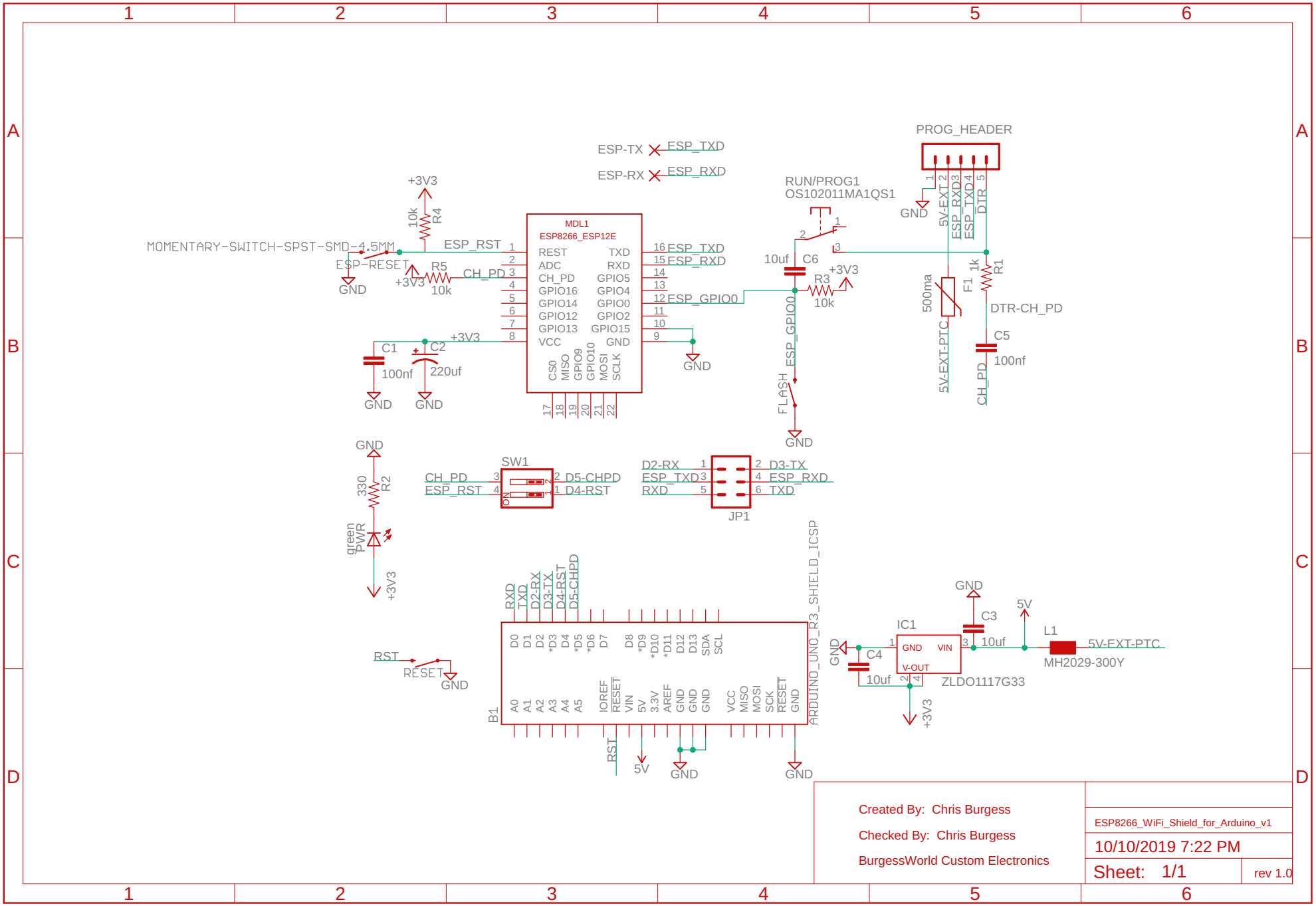
MDL1
ESP8266_ESP12E
REST
ADC
CH_PD
GPIO16
GPIO14
GPIO12
GPIO13
VCC
CS0
MISO
GPIO9
GPIO10
MOSI
SCLK
TXD
RXD
GPIO5
GPIO4
GPIO0
GPIO2
GPIO15
GND
ESP_TXD
ESP_RXD
ESP_GPIO0
ESP_RST
CH_PD
MOMENTARY-SWITCH-SPST-SMD-4.5MM
ESP-RESET
R4
10k
R5
10k
+3V3
GND
C1
100nf
C2
220uf
ESP-TX
ESP-RX
RUN/PROG1
OS102011MA1QS1
C6
10uf
R3
10k
FLASH
PROG_HEADER
5V-EXT
ESP_RXD3
ESP_TXD4
DTR
F1
500ma
5V-EXT-PTC
R1
1k
DTR-CH_PD
C5
100nf
CH_PD
SW1
D5-CHPD
D4-RST
ON
JP1
D2-RX
ESP_TXD
RXD
D3-TX
ESP_RXD
TXD
R2
330
green
PWR
RST
RESET
B1
ARDUINO_UNO_R3_SHIELD_ICSP
D0
D1
D2
*D3
D4
*D5
*D6
D7
D8
*D9
*D10
*D11
D12
D13
SDA
SCL
A0
A1
A2
A3
A4
A5
IOREF
RESET
VIN
5V
3.3V
AREF
VCC
MISO
MOSI
SCK
IC1
GND
VIN
V-OUT
ZLDO1117G33
C3
10uf
C4
10uf
L1
MH2029-300Y
5V-EXT-PTC
Created By: Chris Burgess
Checked By: Chris Burgess
BurgessWorld Custom Electronics
ESP8266_WiFi_Shield_for_Arduino_v1
10/10/2019 7:22 PM
Sheet: 1/1
rev 1.0