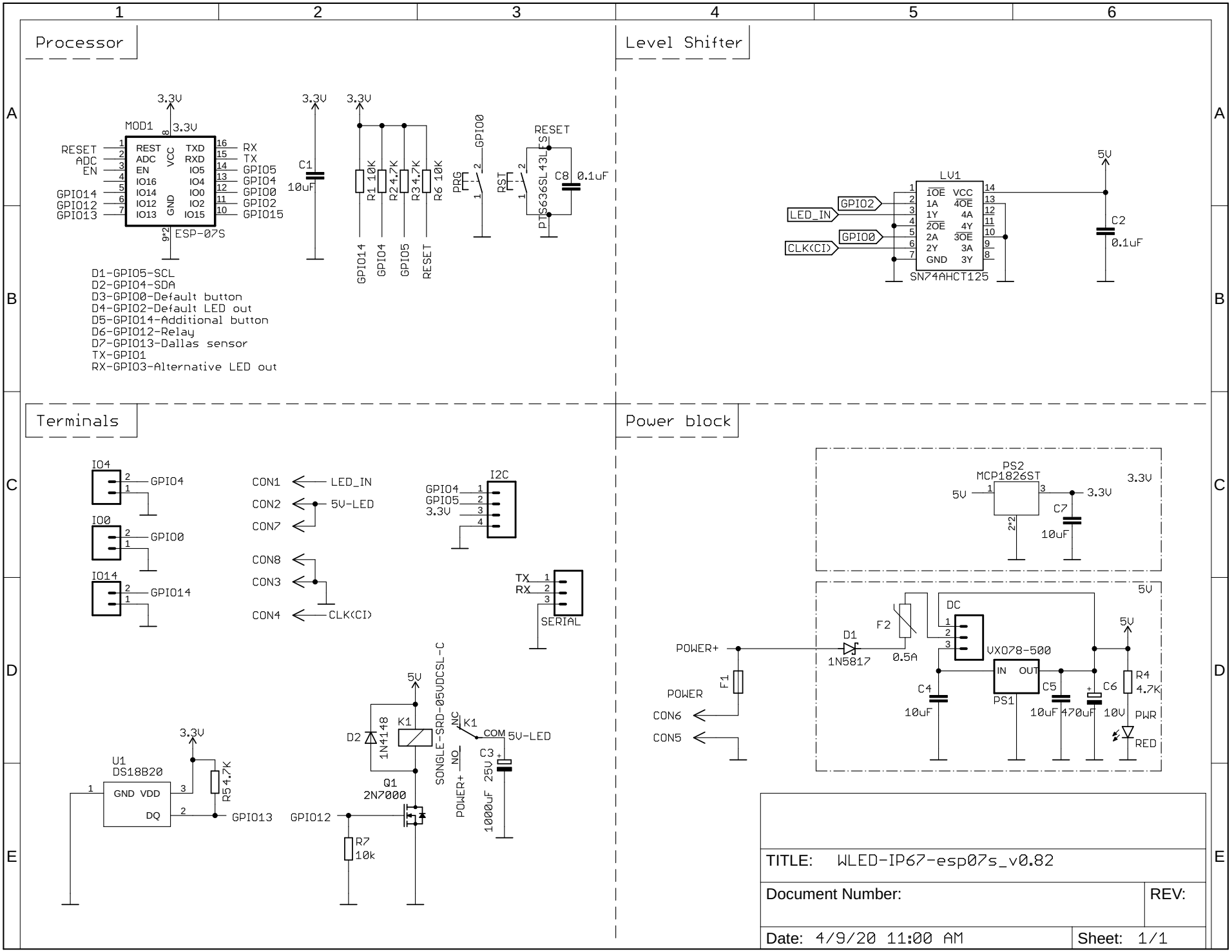
Processor
MOD1
3.3V
RESET
ADC
EN
IO16
IO14
IO12
IO13
GPIO14
GPIO12
GPIO13
REST
ADC
EN
IO16
IO14
IO12
IO13
VCC
GND
TXD
RXD
IO5
IO4
IO0
IO2
IO15
RX
TX
GPIO5
GPIO4
GPIO0
GPIO2
GPIO15
ESP-07S
C1
10uF
R1 10K
R2 4.7K
R3 4.7K
R6 10K
PRG
GPIO0
RST
PTS636SL43LFS
C8 0.1uF
D1-GPIO5-SCL
D2-GPIO4-SDA
D3-GPIO0-Default button
D4-GPIO2-Default LED out
D5-GPIO14-Additional button
D6-GPIO12-Relay
D7-GPIO13-Dallas sensor
TX-GPIO1
RX-GPIO3-Alternative LED out
Level Shifter
LV1
LED_IN
CLK(CI)
GPIO2
GPIO0
SN74AHCT125
5V
C2
0.1uF
Terminals
IO4
IO0
IO14
CON1
CON2
CON7
CON8
CON3
CON4
LED_IN
5V-LED
CLK(CI)
I2C
GPIO4
GPIO5
3.3V
TX
RX
SERIAL
U1
DS18B20
GND VDD
DQ
R5 4.7K
GPIO13
GPIO12
R7
10k
Q1
2N7000
D2
1N4148
K1
SONGLE-SRD-05VDCSL-C
NC
NO
COM
5V-LED
POWER+
C3
1000uF 25V
Power block
PS2
MCP1826ST
C7
10uF
DC
F2
0.5A
D1
1N5817
POWER+
F1
POWER
CON6
CON5
VX078-500
IN OUT
PS1
C4
10uF
C5
10uF
C6
470uF 10V
R4
4.7K
PWR
RED
TITLE: WLED-IP67-esp07s_v0.82
Document Number:
REV:
Date: 4/9/20 11:00 AM
Sheet: 1/1