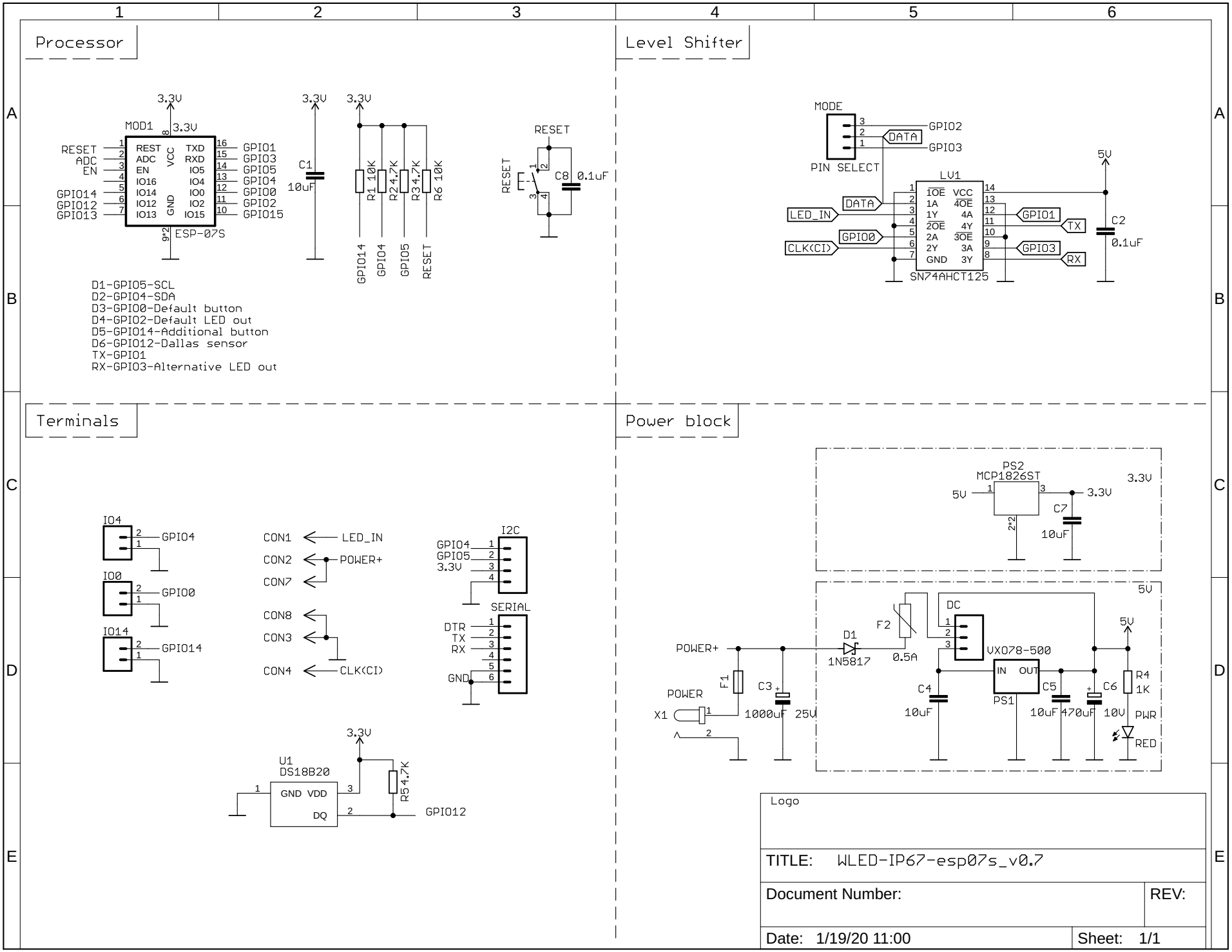
Processor
MOD1
ESP-07S
RESET
ADC
EN
IO16
IO14
IO12
IO13
GPIO14
GPIO12
GPIO13
REST
ADC
EN
IO16
IO14
IO12
IO13
VCC
GND
TXD
RXD
IO5
IO4
IO0
IO2
IO15
GPIO1
GPIO3
GPIO5
GPIO4
GPIO0
GPIO2
GPIO15
3.3V
C1
10uF
R1 10K
R2 4.7K
R3 4.7K
R6 10K
C8 0.1uF
D1-GPIO5-SCL
D2-GPIO4-SDA
D3-GPIO0-Default button
D4-GPIO2-Default LED out
D5-GPIO14-Additional button
D6-GPIO12-Dallas sensor
TX-GPIO1
RX-GPIO3-Alternative LED out
Level Shifter
MODE
PIN SELECT
DATA
GPIO2
GPIO3
LV1
SN74AHCT125
LED_IN
CLK(CI)
GPIO0
GPIO1
GPIO3
TX
RX
5V
C2
0.1uF
Terminals
IO4
IO0
IO14
GPIO4
GPIO0
GPIO14
CON1
CON2
CON7
CON8
CON3
CON4
LED_IN
POWER+
CLK(CI)
I2C
SERIAL
DTR
TX
RX
GND
U1
DS18B20
GND VDD
DQ
R5 4.7K
GPIO12
Power block
PS2
MCP1826ST
C7
10uF
POWER+
POWER
X1
F1
C3
1000uF 25V
D1
1N5817
F2
0.5A
DC
VX078-500
IN OUT
PS1
C4
10uF
C5
10uF
C6
470uF 10V
R4
1K
PWR
RED
Logo
TITLE: WLED-IP67-esp07s_v0.7
Document Number:
REV:
Date: 1/19/20 11:00
Sheet: 1/1