KiCad
DESIGNED WITH open source hardware
github.com/wyolum/ClockIOT

wyolum.com

CLK_IN   DAT_IN   GND   5V   rev 4

VBUS
D−
D+
CC1
CC2
SBU1
SBU2
GND

100u 6V3   C27
U129
C28
C21

R13 LDR2
R7 R6
DS3231N

R21
R23
R22
R20
R19

R25
R24
R14
R11
U131
R10
C17   C18
C19

D1
U132
LED_PWR_IN
LED_PWR

C20 R16
LDR1 R12

C31 R9 R8 C24 C23 C25 C26
R5
R1 R2
C1

MISO SCK RST
I2C_ext1   C30
GND SDA SDA C29
TCS VCC SDA GND
U130
C22
BT1
Batt_RTC

CLK_IN   DAT_IN   GND   5V

CLK_IN   DAT_IN   GND   5V

https://github.com/wyolum/ClockIOT
www.wyolum.com
Sheet:
File: ClockIOT.kicad_pcb
Title: ClockIOT
Size: A3   Date: 2018−10−30   Rev: rev 3
KiCad E.D.A. kicad 5.1.4−e60b26684ubuntu18.04.1   Id: 1/1