wyolum.com

KiCad DESIGNED WITH open source hardware

github.com/wyolum/ClockIOT

LDR1 R12 R13 LDR2

R16 R25 R24 R11 R10 R18 R7 R6

C20 C21 C27

R3 C28 R21 R23 R22 R20 R19

C17 C18 DS3231N

U132 UP1 D2 C19 U129 C22 U130 BTI Batt_RTC

R9 R8 C24 C23 C25 C26 U131

L1 L2 P1

C31 C30

CLK_IN DAT_IN GND 5V

I2C_ext2 MOSI SCK RST I2C_ext1 J24

J25 C29

R1 R2

U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16

C1 C2 C3

U32 U31 U30 U29 U28 U27 U26 U25 U24 U23 U22 U21 U20 U19 U18 U17

C4

CLK_IN DAT_IN GND 5V

U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48

C5 C6 C7

U64 U63 U62 U61 U60 U59 U58 U57 U56 U55 U54 U53 U52 U51 U50 U49

C8 C9

U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80

C10 C11

U96 U95 U94 U93 U92 U91 U90 U89 U88 U87 U86 U85 U84 U83 U82 U81

C12 C13

U97 U98 U99 U100 U101 U102 U103 U104 U105 U106 U107 U108 U109 U110 U111 U112

C14 C15

U128 U127 U126 U125 U124 U123 U122 U121 U120 U119 U118 U117 U116 U115 U114 U113

C16

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www.wyolum.com
Sheet:
File: ClockIOT.kicad_pcb
Title: ClockIOT
Size: A3   Date: 2018-01-08   Rev: rev 1
KiCad E.D.A. kicad 5.0.0-rc2-unknown-d03e92a65ubuntu16.04.1   Id: 1/1