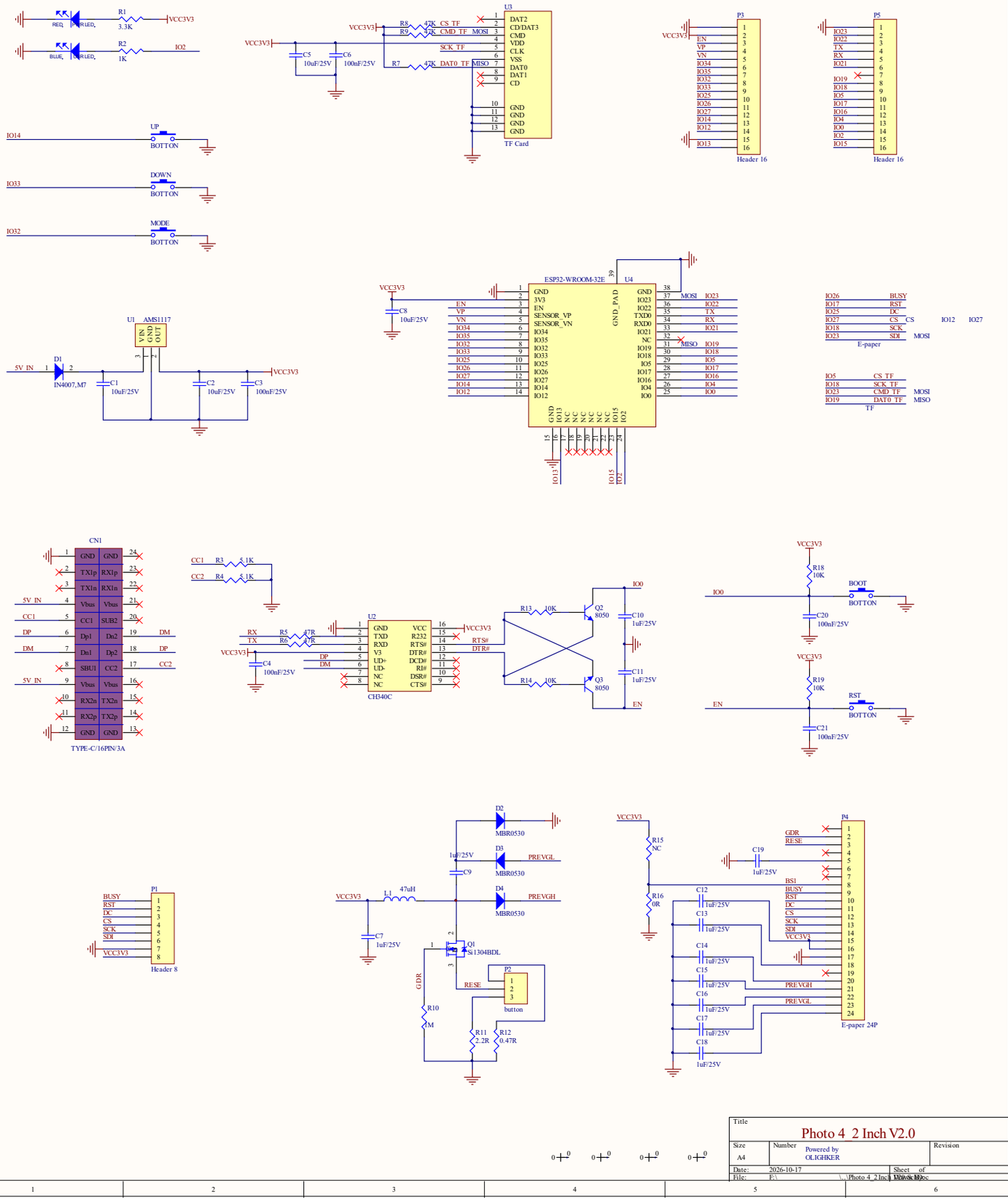

R1
3.3K
VCC3V3
R2
1K
IO2
U3
DAT2
CD/DAT3
CMD
VDD
CLK
VSS
DAT0
DAT1
CD
GND
TF Card
R8 47K CS_TF
R9 47K CMD_TF MOSI
R7 47K DAT0_TF MISO
SCK_TF
C5 10uF/25V
C6 100nF/25V
P3
Header 16
P5
Header 16
IO14
UP
BOTTON
IO33
DOWN
BOTTON
IO32
MODE
BOTTON
U1 AMS1117
VIN
GND
OUT
D1
IN4007,M7
5V_IN
C1 10uF/25V
C2 10uF/25V
C3 100nF/25V
U4
ESP32-WROOM-32E
GND_PAD
C8 10uF/25V
E-paper
TF
CN1
TYPE-C/16PIN/3A
U2
CH340C
C4 100nF/25V
R3 5.1K
R4 5.1K
R5 47R
R6 47R
Q2 8050
Q3 8050
R13 10K
R14 10K
C10 1uF/25V
C11 1uF/25V
R18 10K
BOOT
BOTTON
C20 100nF/25V
R19 10K
RST
BOTTON
C21 100nF/25V
P1
Header 8
D2 MBR0530
D3 MBR0530
D4 MBR0530
PREVGL
PREVGH
L1 47uH
C7 1uF/25V
C9 1uF/25V
Q1 Si1304BDL
P2
button
R10 1M
R11 2.2R
R12 0.47R
R15 NC
R16 0R
C12 1uF/25V
C13 1uF/25V
C14 1uF/25V
C15 1uF/25V
C16 1uF/25V
C17 1uF/25V
C18 1uF/25V
C19 1uF/25V
P4
E-paper 24P
Title
Photo 4_2 Inch V2.0
Size
A4
Number
Powered by
OLIGHKER
Revision
Date: 2026-10-17
Sheet of
File: F:\...\Photo 4_2 Inch V2.0.SchDoc