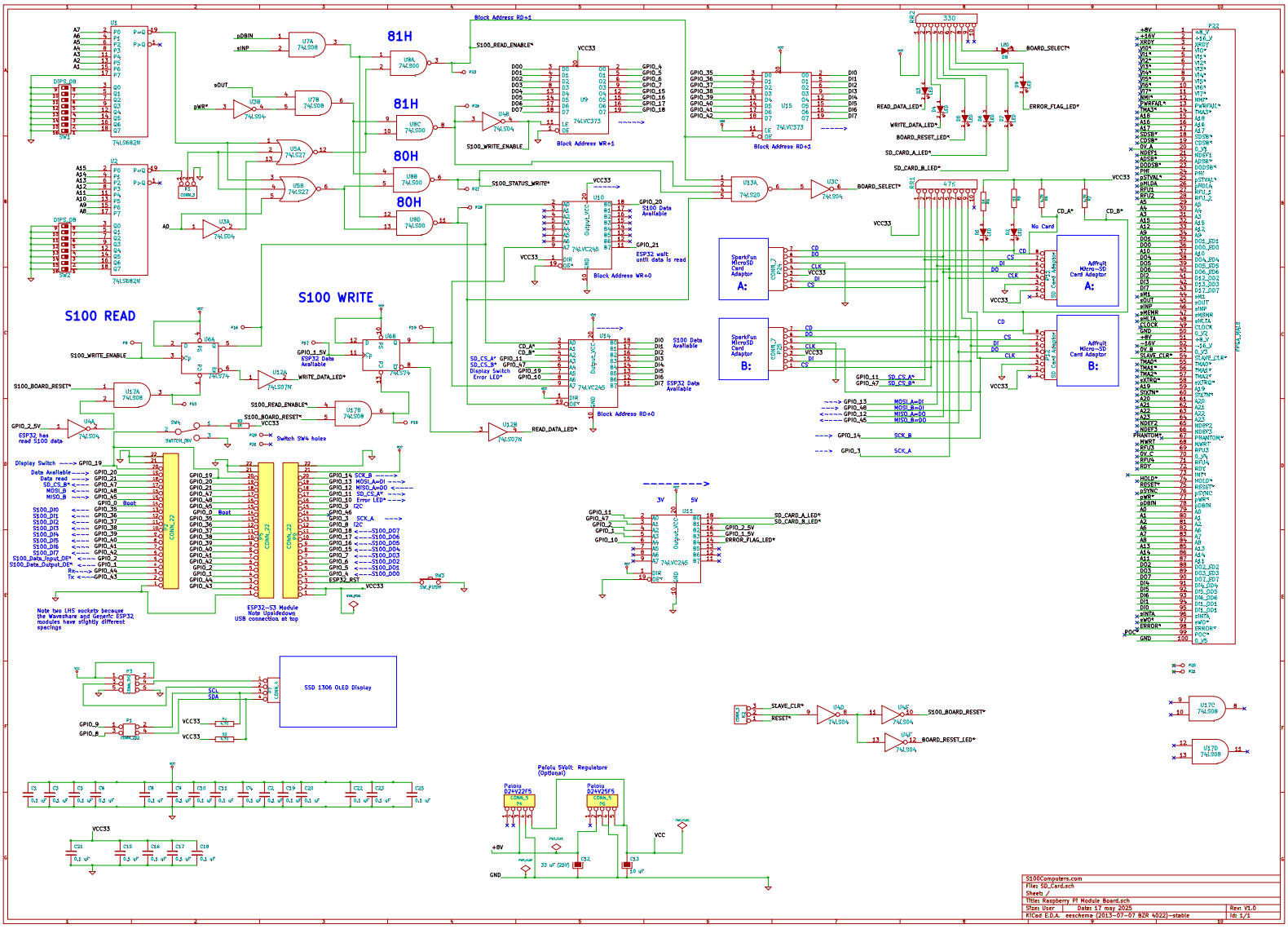
81H
81H
80H
80H
S100 READ
S100 WRITE
Block Address RD+1
Block Address WR+1
Block Address WR+0
Block Address RD+0
S100_READ_ENABLE*
S100_WRITE_ENABLE
S100_STATUS_WRITE*
S100_BOARD_RESET*
WRITE_DATA_LED*
READ_DATA_LED*
BOARD_SELECT*
BOARD_RESET_LED*
ERROR_FLAG_LED*
SD_CARD_A_LED*
SD_CARD_B_LED*
ESP32 wait until data is read
ESP32 Data Available
S100 Data Available
Switch SW4 holes
Note two LHS sockets because the Waveshare and Generic ESP32 modules have slightly different spacings
ESP32-S3 Module Note Upsidedown USB connection at top
SSD 1306 OLED Display
Pololu D24V22F5
Pololu D24V25F5
Pololu Style Regulators (Optional)
SLAVE_CLR*
RESET*
SD_CS_A*
SD_CS_B*
No Card
SPI Card Adaptor
SparkFun Micro SD Card Adaptor
A:
B:
S100Computers.com
Files SD_Card.sch
Sheets /
Titles Raspberry PI Module Board.sch
Sizes User
Dates 17 may 2025
Rev V1.0
KiCad E.D.A. eeschema (2023-07-07 BZR 4022)-stable
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