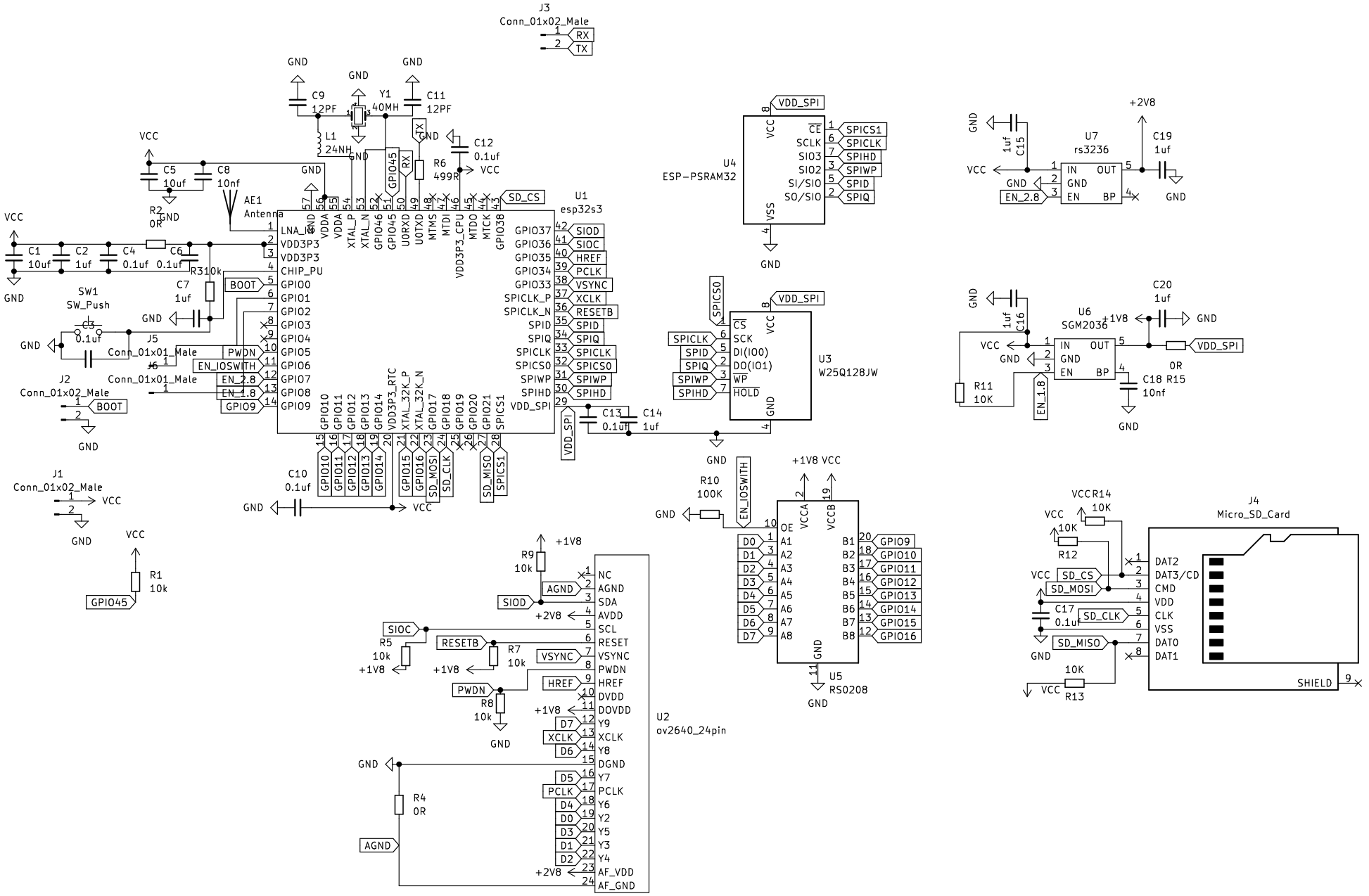
J3
Conn_01x02_Male
RX
TX
U1
esp32s3
U4
ESP-PSRAM32
U3
W25Q128JW
U5
RS0208
U2
ov2640_24pin
U6
SGM2036
U7
rs3236
J4
Micro_SD_Card
J1
Conn_01x02_Male
J2
Conn_01x02_Male
J5
Conn_01x01_Male
J6
Conn_01x01_Male
SW1
SW_Push
AE1
Antenna
Y1
40MH
L1
24NH
C1
10uf
C2
1uf
C4
0.1uf
C6
0.1uf
C5
10uf
C8
10nf
C7
1uf
C9
12PF
C11
12PF
C12
0.1uf
C10
0.1uf
C13
0.1uf
C14
1uf
C15
1uf
C16
1uf
C17
0.1uf
C18
10nf
C19
1uf
C20
1uf
R1
10k
R2
0R
R3
10K
R4
0R
R5
10k
R6
499R
R7
10k
R8
10k
R9
10k
R10
100K
R11
10K
R12
10K
R13
10K
R14
10K
R15
0R
GND
VCC
+1V8
+2V8
BOOT
PWDN
EN_IOSWITH
EN_2.8
EN_1.8
GPIO9
GPIO45
SD_CS
SD_MOSI
SD_CLK
SD_MISO
SIOC
SIOD
RESETB
VSYNC
HREF
PWDN
XCLK
PCLK
AGND
VDD_SPI
SPICS0
SPICS1
SPICLK
SPID
SPIQ
SPIWP
SPIHD
SHIELD