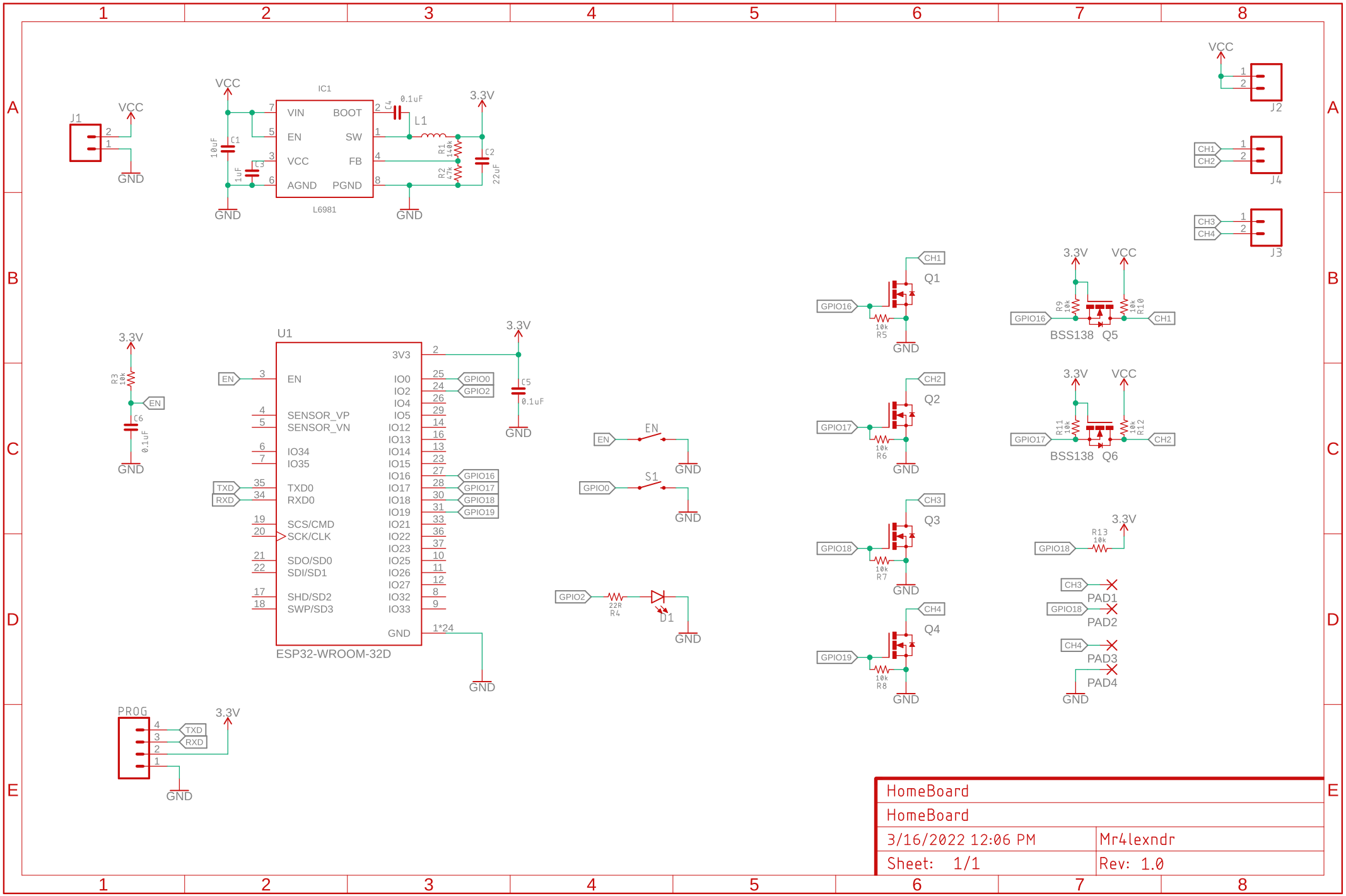
J1
VCC
GND
IC1
VIN
EN
VCC
AGND
BOOT
SW
FB
PGND
L6981
C1
10uF
C3
1uF
C4
0.1uF
L1
R1
140k
R2
47k
C2
22uF
3.3V
J2
J4
J3
CH1
CH2
CH3
CH4
U1
3V3
IO0
IO2
IO4
IO5
IO12
IO13
IO14
IO15
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25
IO26
IO27
IO32
IO33
SENSOR_VP
SENSOR_VN
IO34
IO35
TXD0
RXD0
SCS/CMD
SCK/CLK
SDO/SD0
SDI/SD1
SHD/SD2
SWP/SD3
ESP32-WROOM-32D
GPIO0
GPIO2
GPIO16
GPIO17
GPIO18
GPIO19
TXD
RXD
R3
10k
C6
0.1uF
C5
0.1uF
S1
D1
R4
22R
Q1
Q2
Q3
Q4
R5
R6
R7
R8
BSS138
Q5
Q6
R9
R10
R11
R12
R13
PAD1
PAD2
PAD3
PAD4
PROG
HomeBoard
HomeBoard
3/16/2022 12:06 PM
Mr4lexndr
Sheet: 1/1
Rev: 1.0