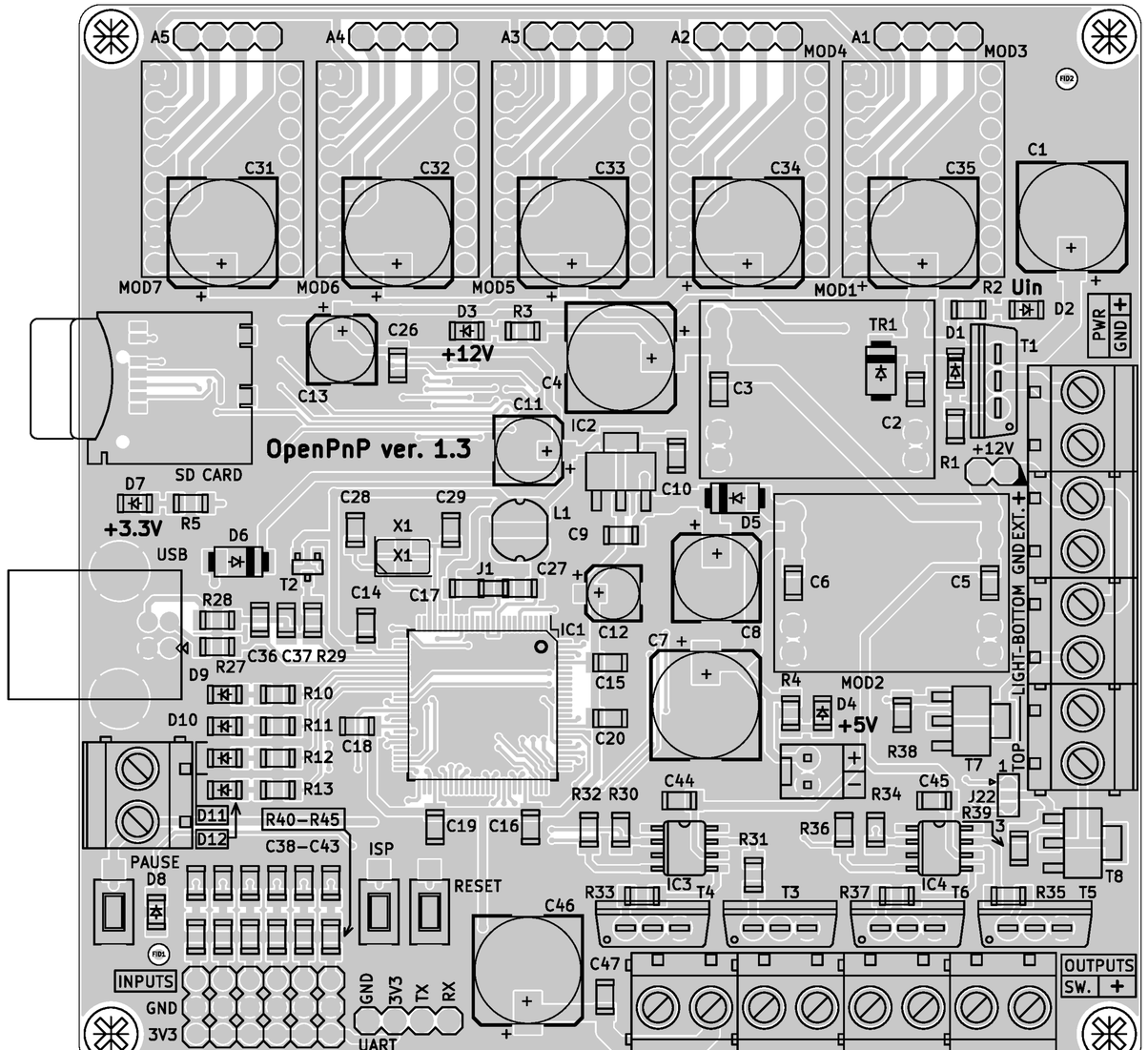
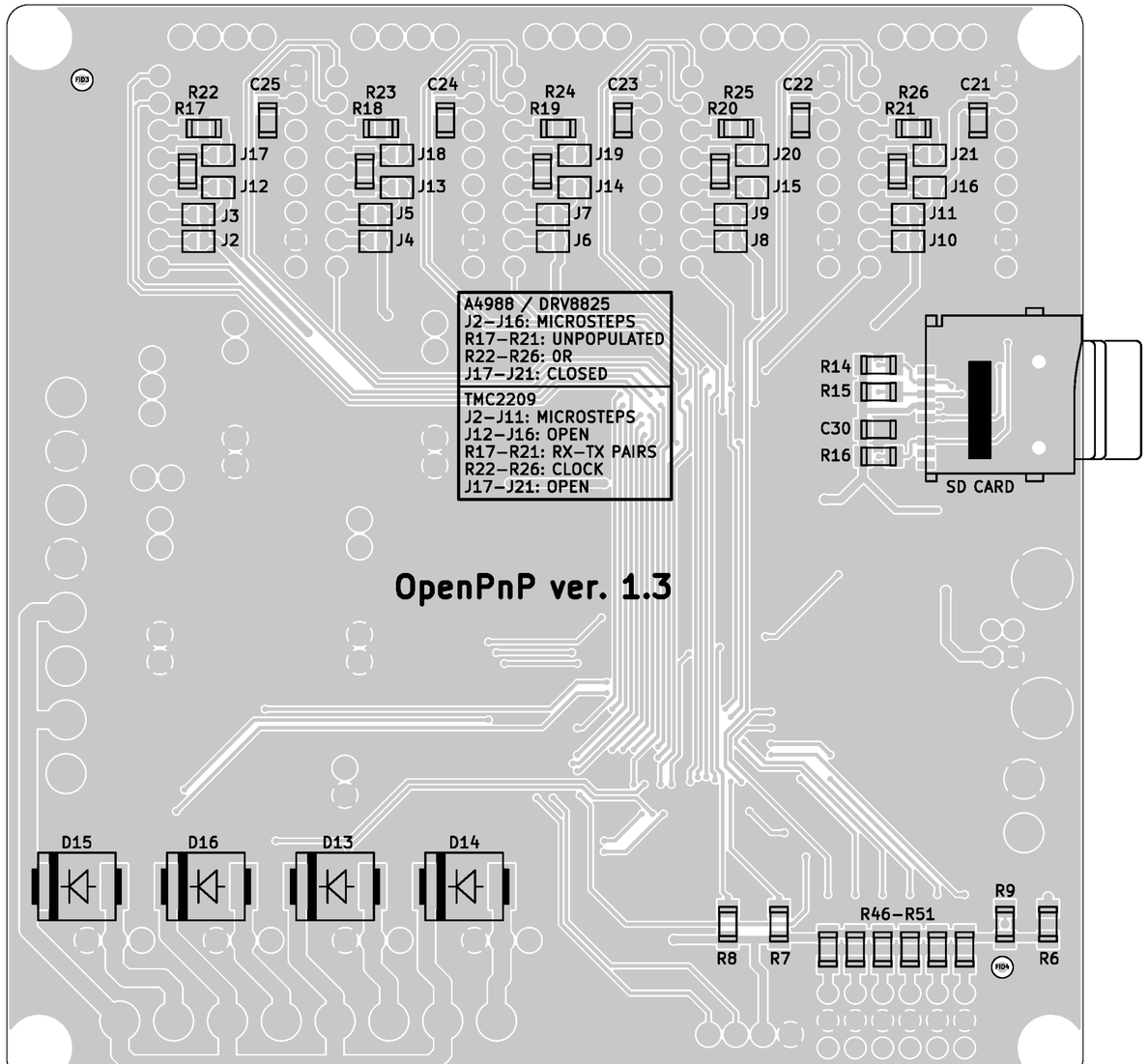

A5
A4
A3
A2
A1
MOD4
MOD3
MOD7
MOD6
MOD5
MOD1
MOD2
C31
C32
C33
C34
C35
C1
C26
C13
D3
R3
+12V
C4
C11
IC2
C3
TR1
C2
D1
T1
R2
Uin
D2
PWR
GND
R1
+12V
SD CARD
OpenPnP ver. 1.3
D7
+3.3V
R5
USB
D6
T2
C28
C29
X1
L1
C9
C10
D5
C6
C5
J1
C27
C14
C17
C12
C8
IC1
C7
C15
C20
R28
C36 C37 R29
R27
D9
R10
R11
R12
R13
D10
C18
D11
D12
R40–R45
C38–C43
PAUSE
D8
ISP
RESET
C19
C16
R32 R30
C44
R4
D4
+5V
R38
T7
R34
C45
J22
R39
R36
R31
IC3
IC4
T8
R33
T4
T3
R37
T6
R35
T5
C46
C47
INPUTS
GND
3V3
GND
3V3
TX
RX
UART
OUTPUTS
SW.
LIGHT-BOTTOM
GND
EXT.
TOP


R22
R17
C25
R23
R18
C24
R24
R19
C23
R25
R20
C22
R26
R21
C21
J17
J12
J3
J2
J18
J13
J5
J4
J19
J14
J7
J6
J20
J15
J9
J8
J21
J16
J11
J10
A4988 / DRV8825
J2–J16: MICROSTEPS
R17–R21: UNPOPULATED
R22–R26: 0R
J17–J21: CLOSED
TMC2209
J2–J11: MICROSTEPS
J12–J16: OPEN
R17–R21: RX–TX PAIRS
R22–R26: CLOCK
J17–J21: OPEN
R14
R15
C30
R16
SD CARD
OpenPnP ver. 1.3
D15
D16
D13
D14
R8
R7
R46–R51
R9
R6