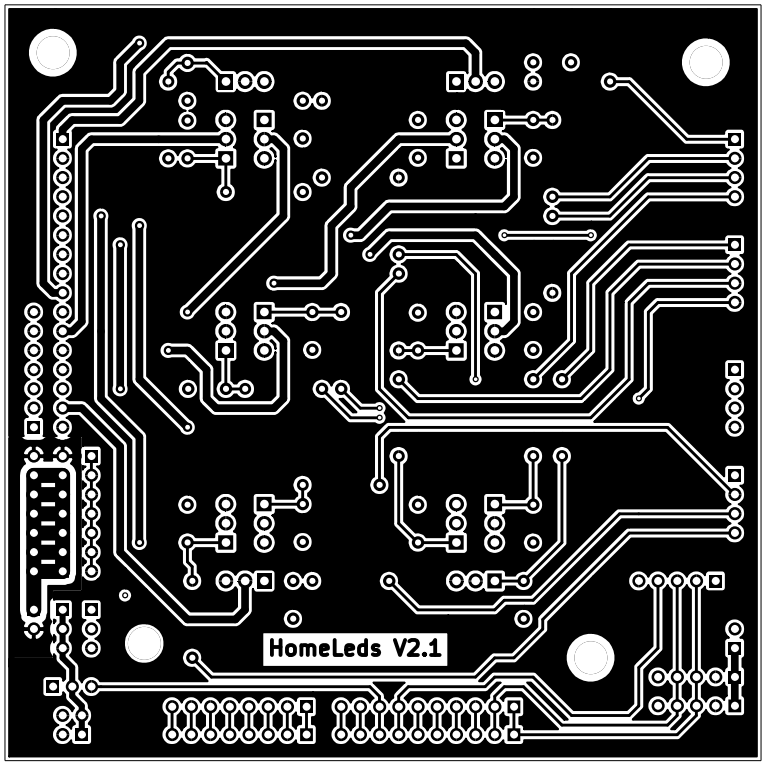
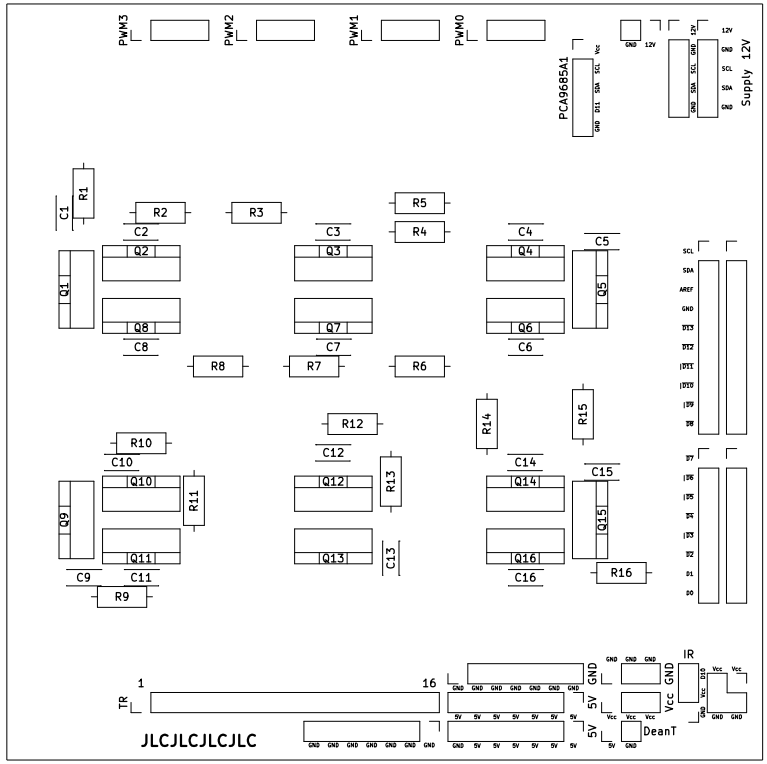
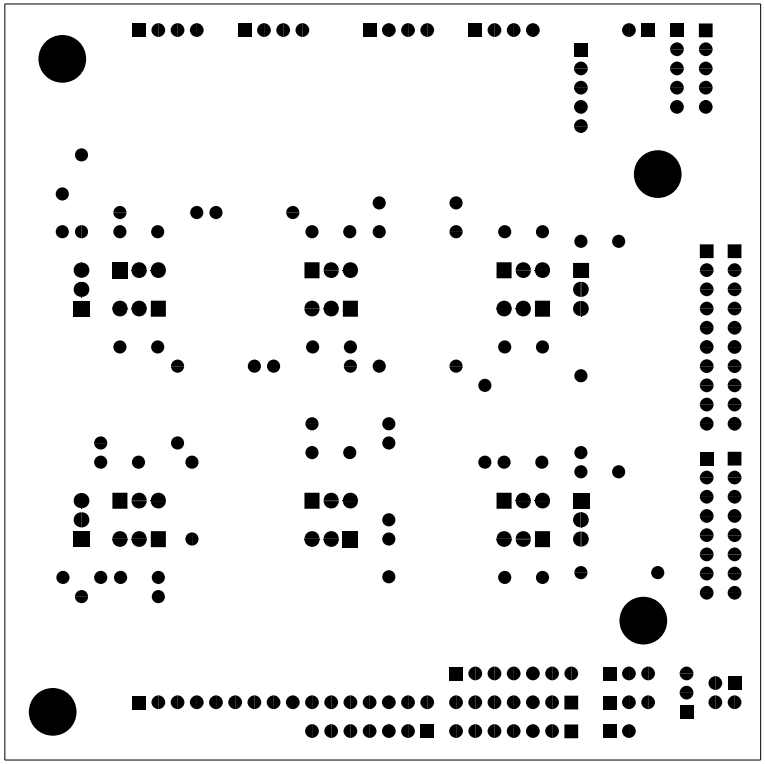
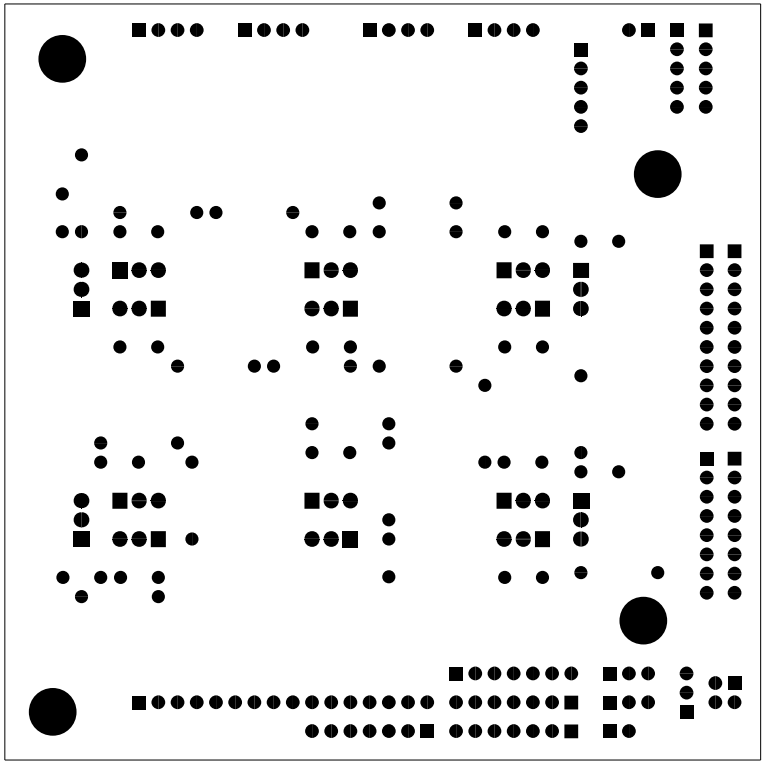
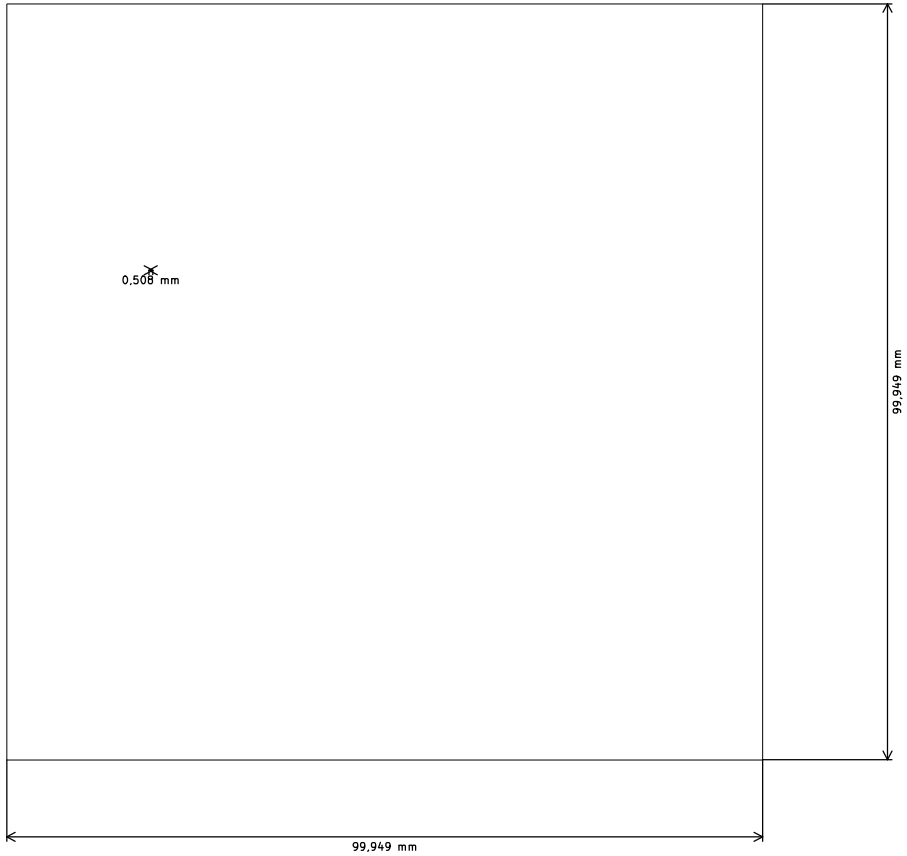

HomeLeds V2.1

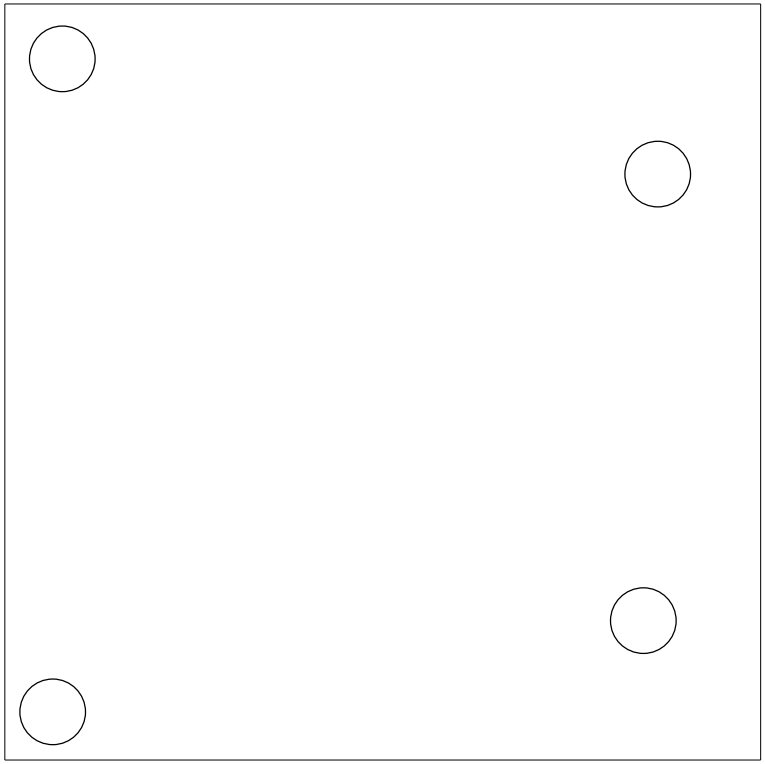
Homepage V1.1

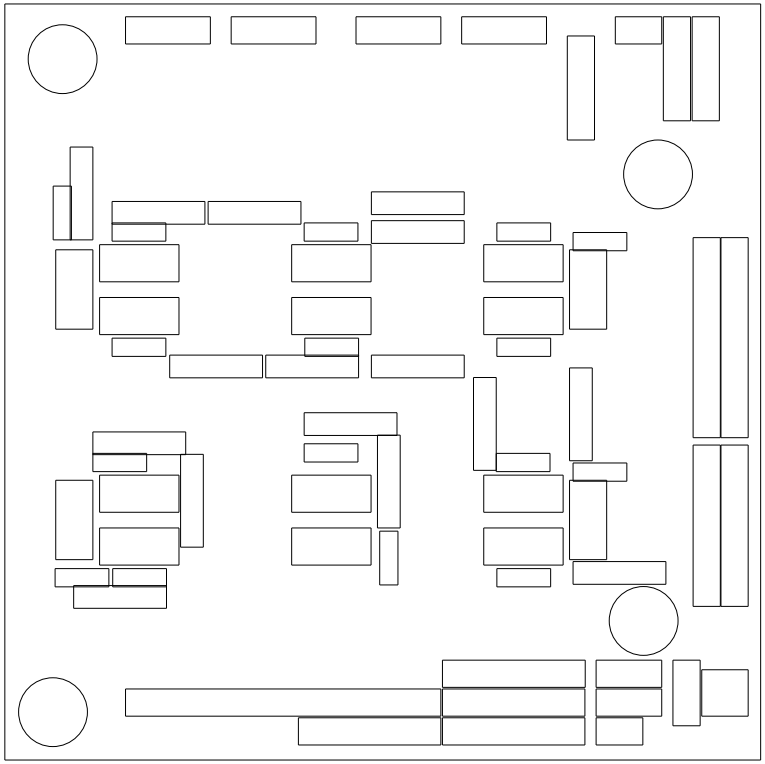

PWM3
PWM2
PWM1
PWM0
PCA9685A1
GND 12V
12V GND SCL SDA
Supply 12V
R1
C1
R2
R3
R5
R4
C2
C3
C4
C5
Q1
Q2
Q3
Q4
Q5
Q8
Q7
Q6
C8
C7
C6
R8
R7
R6
SCL
SDA
AREF
GND
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
R10
R12
R14
R15
C10
C12
C14
C15
Q9
Q10
Q12
Q14
Q15
R11
R13
Q11
Q13
Q16
C9
C11
C13
C16
R9
R16
TR
1
16
GND GND GND GND GND GND
5V 5V 5V 5V 5V 5V
GND GND GND GND GND GND
5V 5V 5V 5V 5V 5V
GND
5V
GND GND GND
Vcc Vcc Vcc
5V GND
DeanT
Vcc
GND
IR
D10 Vcc
GND Vcc
Vcc
GND GND
JLCJLCJLCJLC

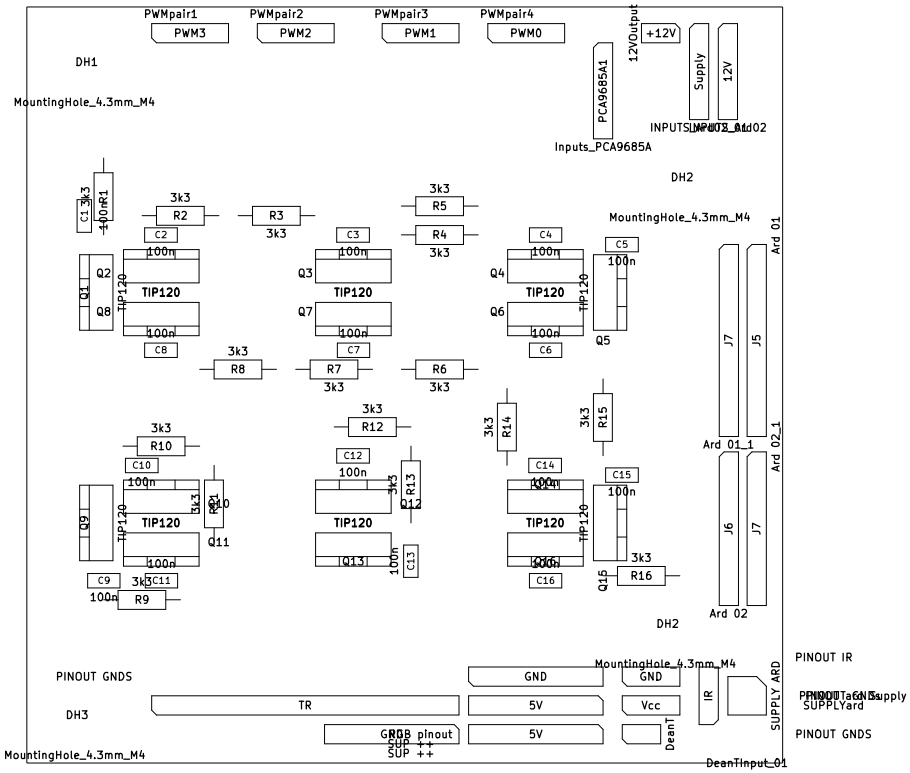





0,508 mm
99,949 mm
99,949 mm






PWMpair1
PWMpair2
PWMpair3
PWMpair4
PWM3
PWM2
PWM1
PWM0
DH1
MountingHole_4.3mm_M4
12VOutput
+12V
Supply
12V
PCA9685A1
INPUTS
Inputs_PCA9685A
DH2
MountingHole_4.3mm_M4
Ard 01
Ard 02_1
Ard 01_1
Ard 02
J7
J5
J6
J7
C1
3k3
R1
100
R2
3k3
R3
3k3
R5
3k3
R4
3k3
C2
C3
C4
C5
100n
Q1
Q2
Q8
TIP120
Q3
Q7
Q4
Q6
Q5
C8
C7
C6
R8
3k3
R7
3k3
R6
3k3
R12
3k3
R14
3k3
R15
3k3
R10
3k3
C10
C12
C14
C15
R11
10
Q9
Q11
Q13
Q15
R13
3k3
C13
C16
R16
3k3
C9
C11
R9
DH2
MountingHole_4.3mm_M4
PINOUT GNDS
DH3
TR
GND
5V
GND
Vcc
5V
GRGB pinout
SUP ++
DeanT
IR
SUPPLY ARD
PINOUT IR
SUPPLYard
PINOUT GNDS
MountingHole_4.3mm_M4
DeanTInput_01