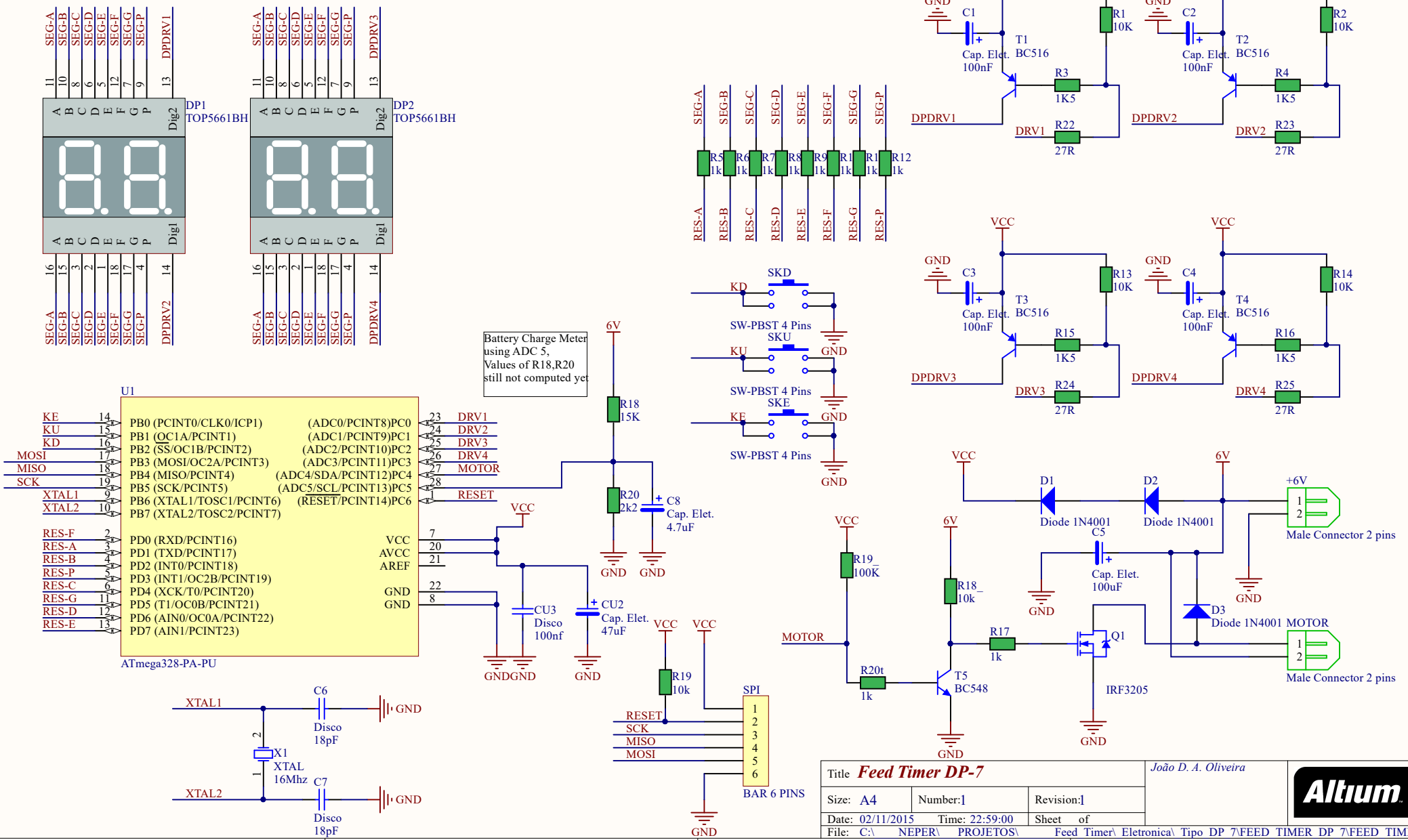
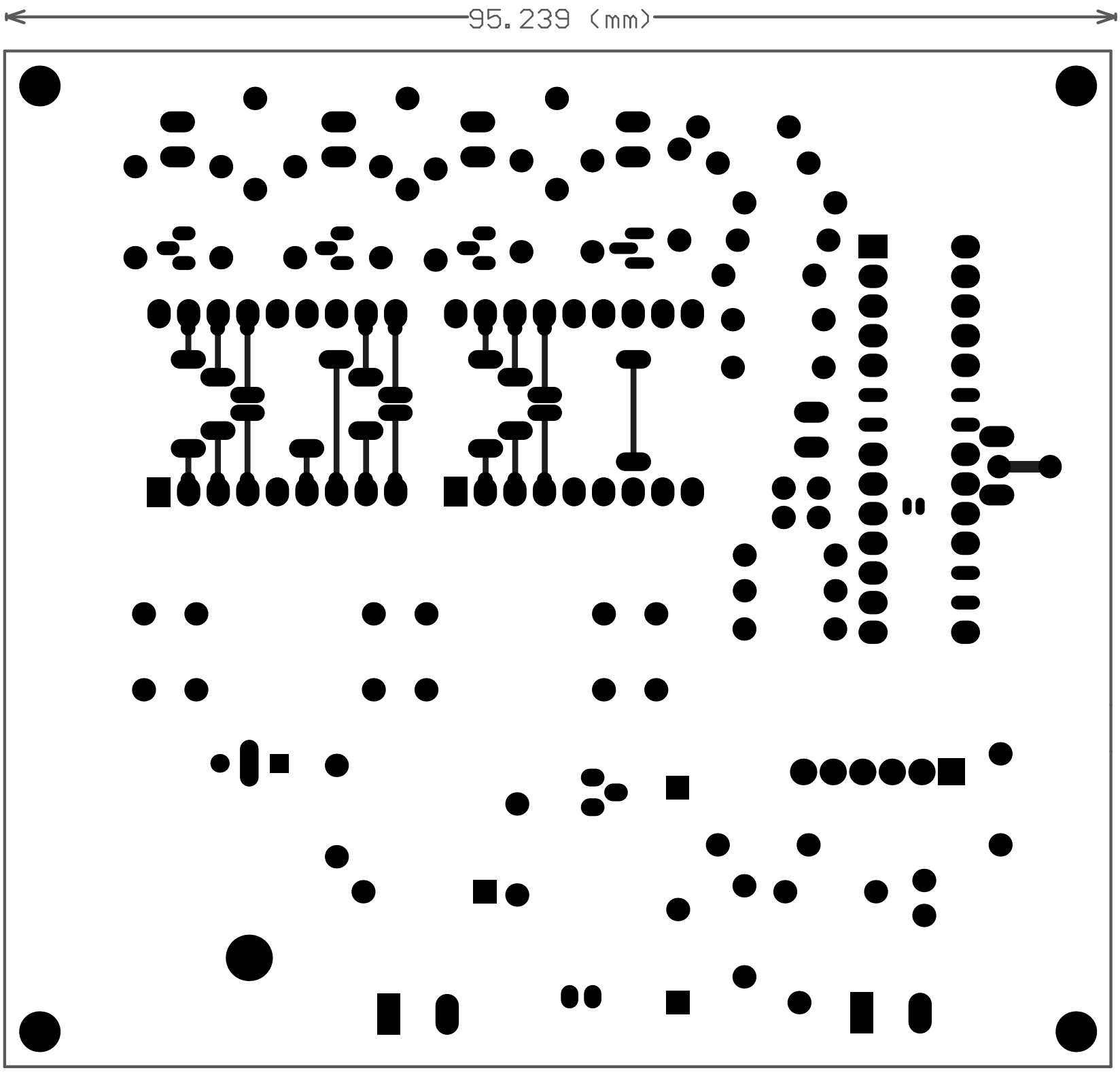
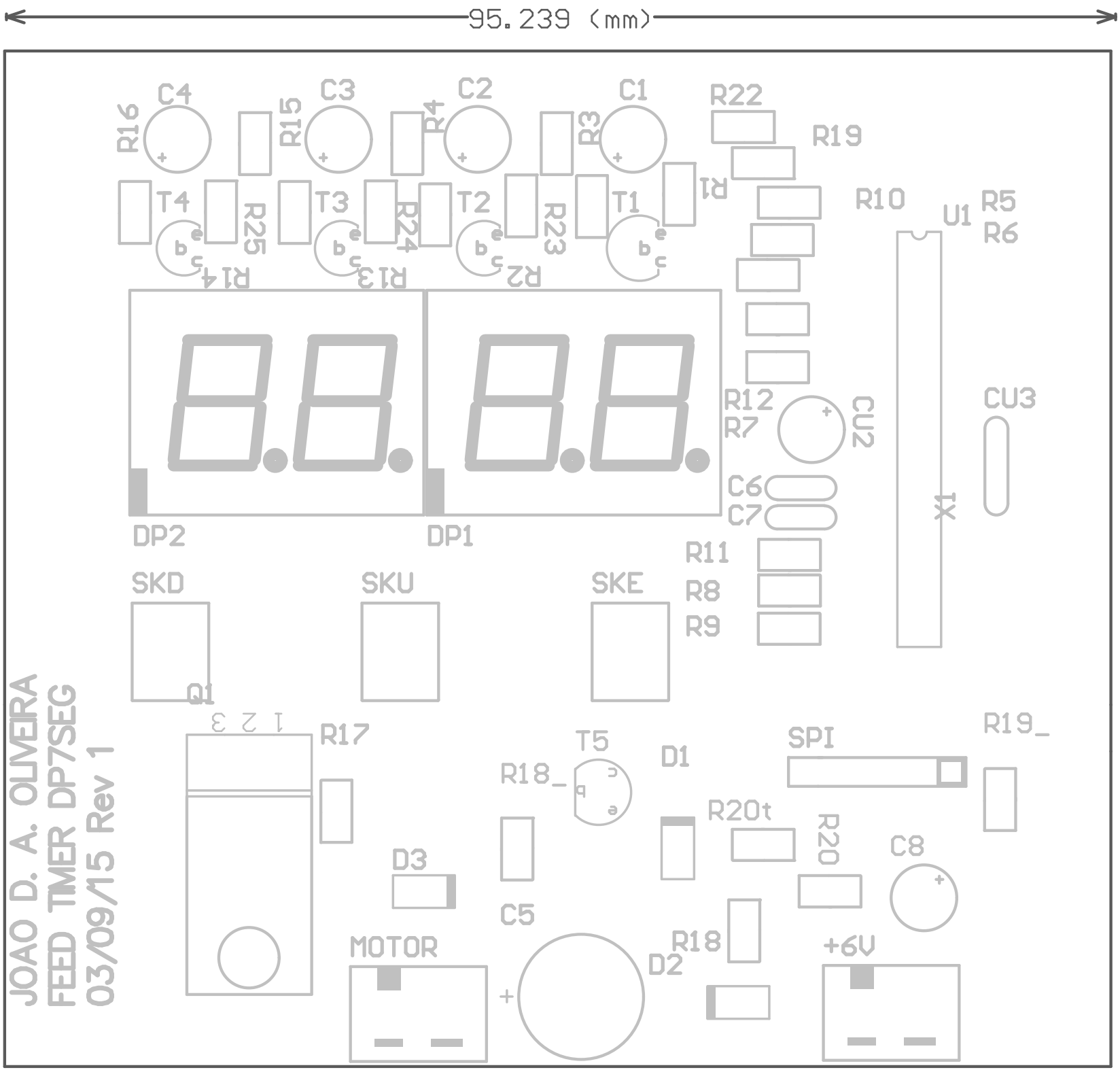
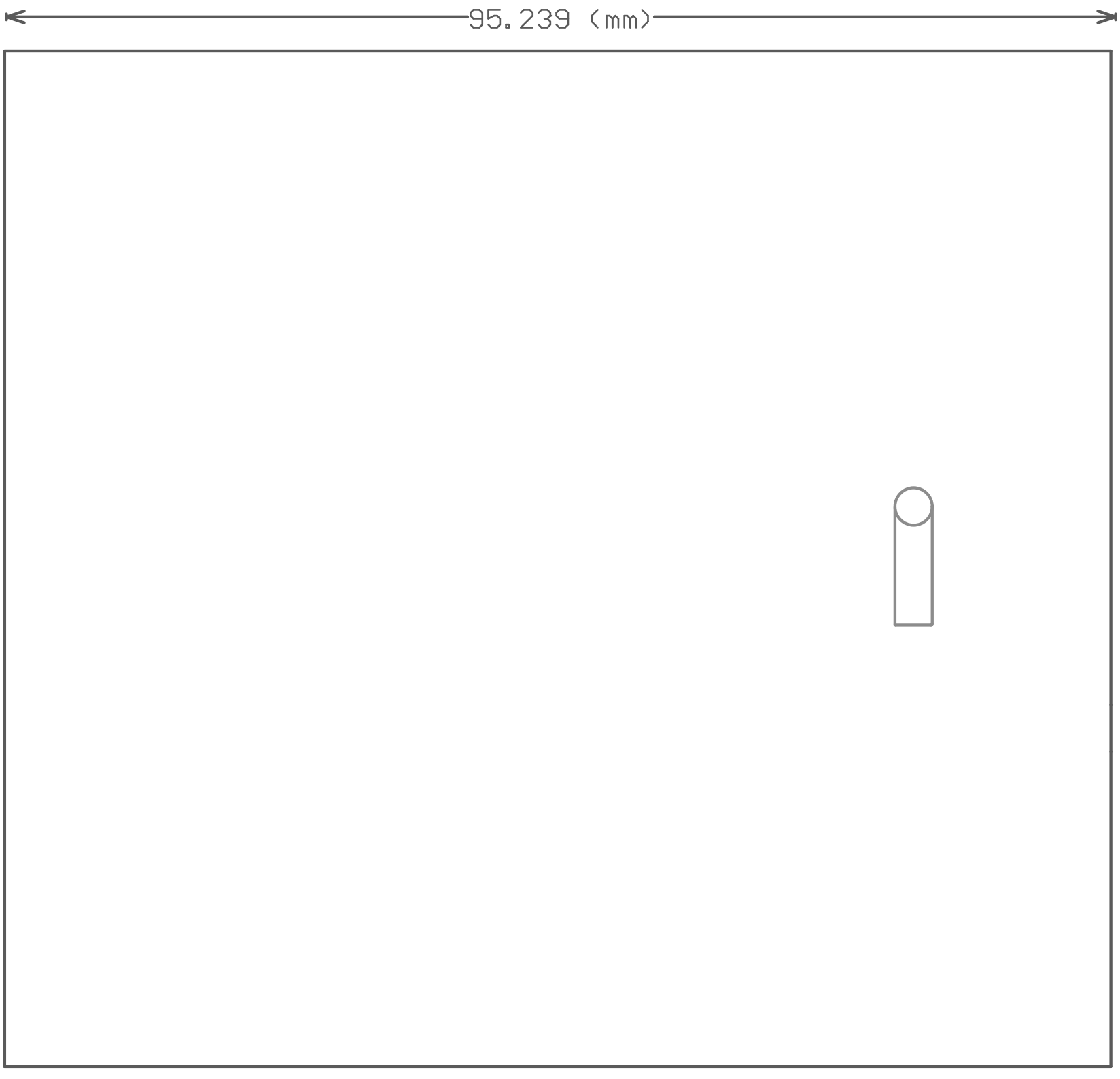


Title	*Feed Timer DP-7*		*João D. A. Oliveira*
Size: A4	Number:1	Revision:1	
Date: 02/11/2015	Time: 22:59:00	Sheet of	
File: C:\ NEPER\ PROJETOS\ Feed Timer\ Eletronica\ Tipo DP 7\FEED TIMER DP 7\FEED TIMER DP 7.S			


95.239 (mm)

95.239 (mm)


95.239 (mm)
C4
C3
C2
C1
R22
R19
R16
R15
R4
R3
R1
T4
T3
T2
T1
R25
R24
R23
R10
U1
R5
R6
R14
R13
R2
DP2
DP1
R12
R7
CU2
CU3
C6
C7
X1
R11
R8
R9
SKD
SKU
SKE
Q1
R17
T5
R18_
D1
SPI
R19_
R20t
R20
C8
D3
C5
R18
MOTOR
D2
+6V
JOAO D. A. OLIVEIRA
FEED TIMER DP7SEG
03/09/15 Rev 1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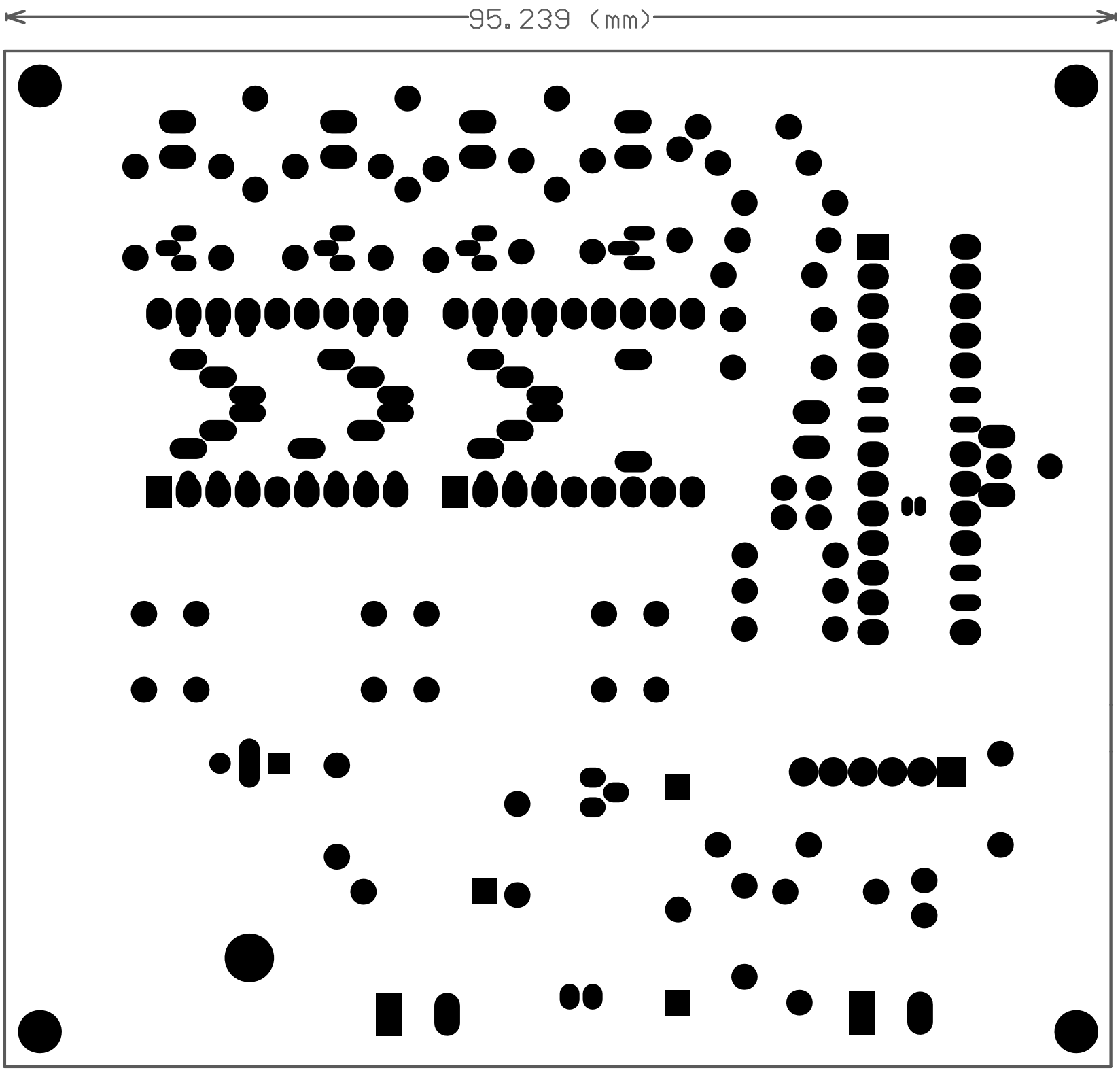
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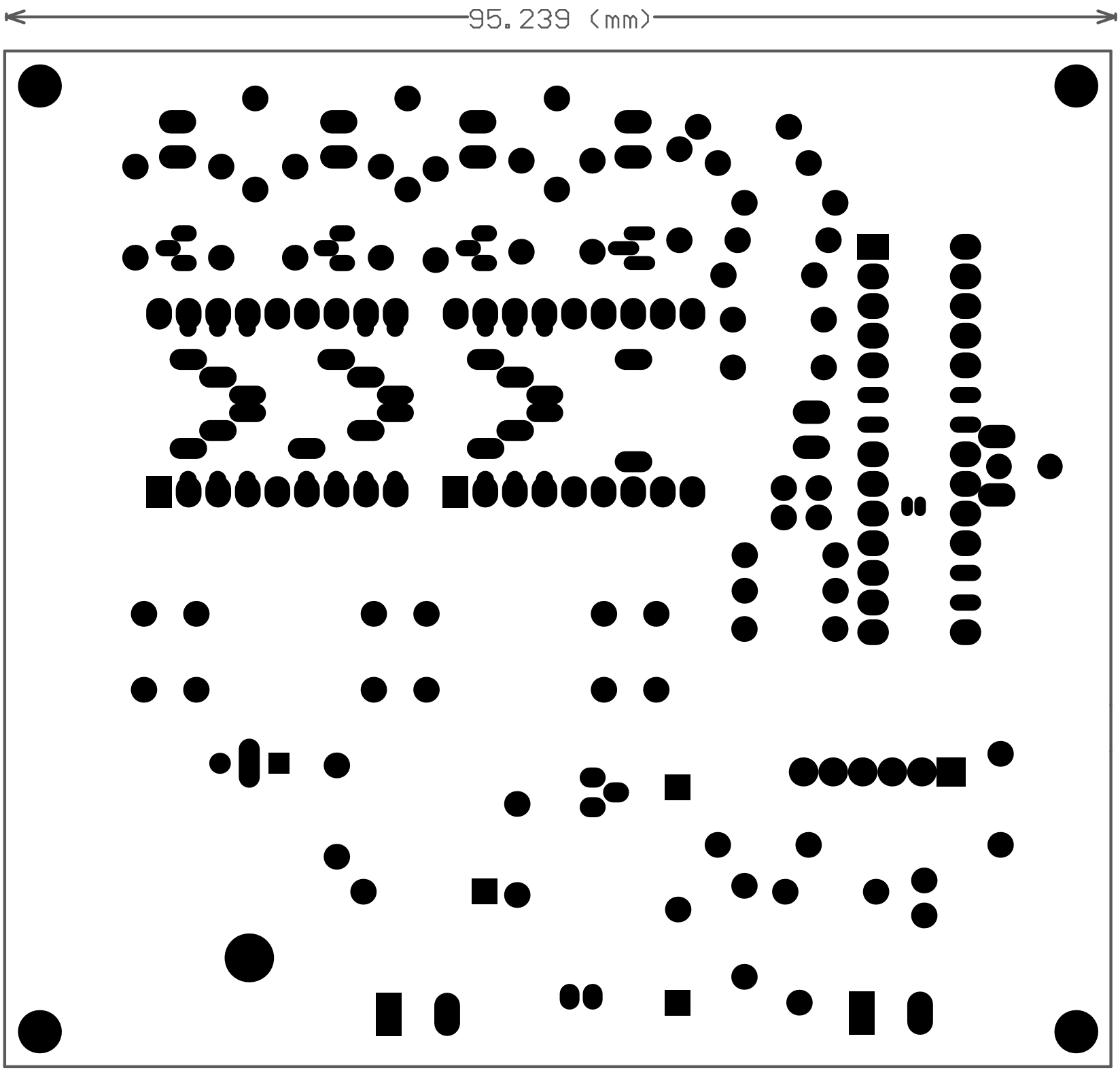
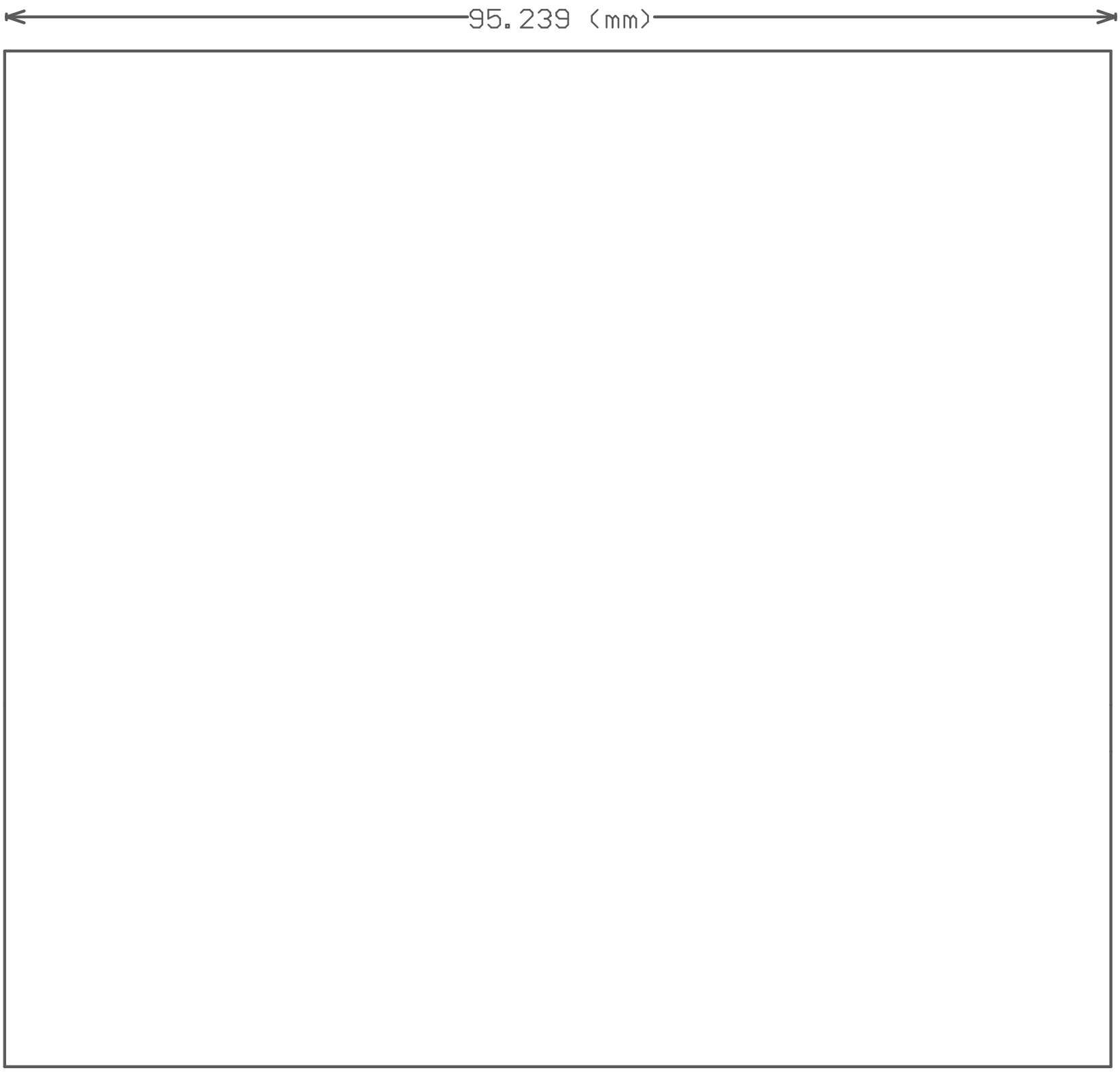
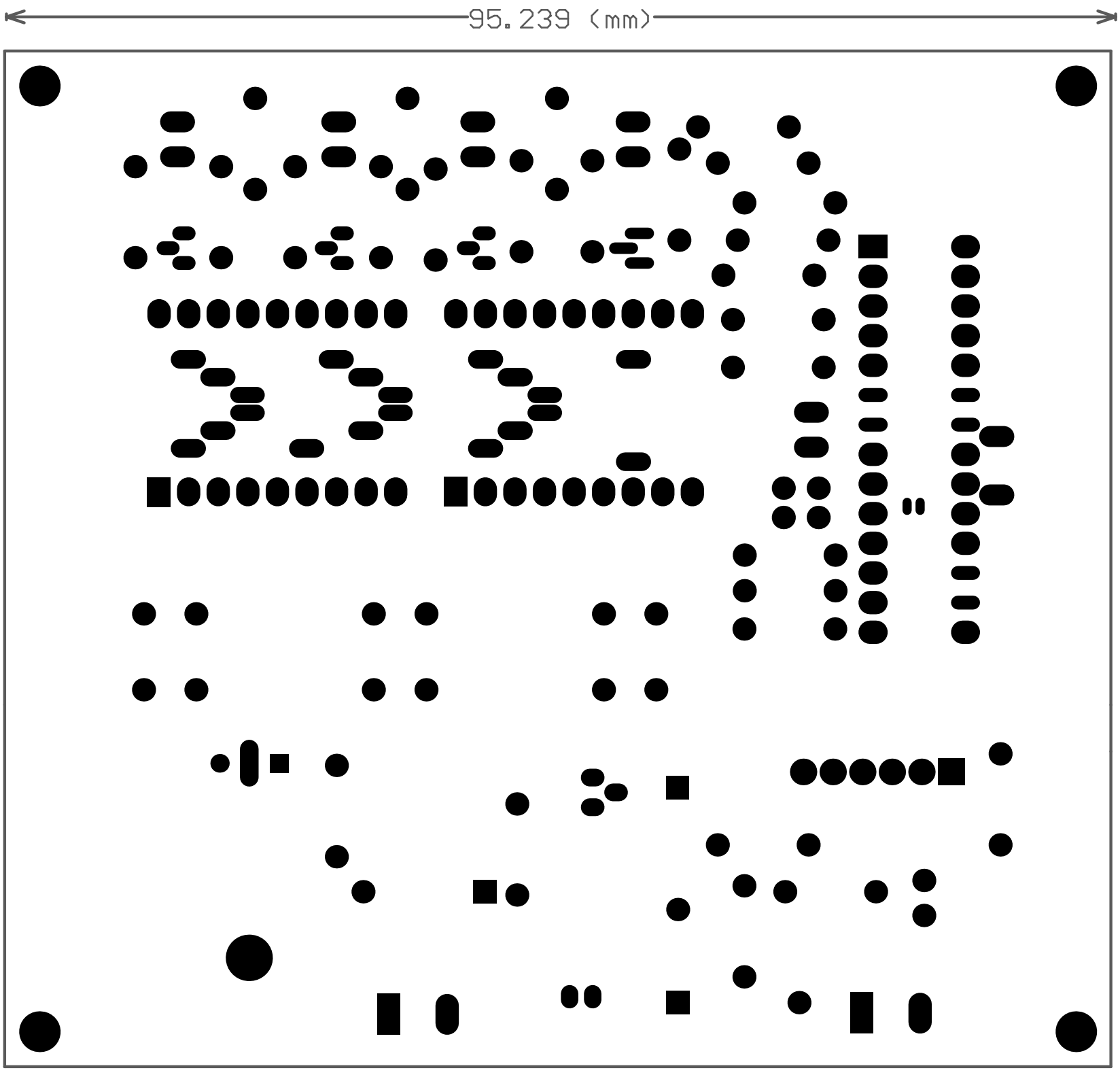
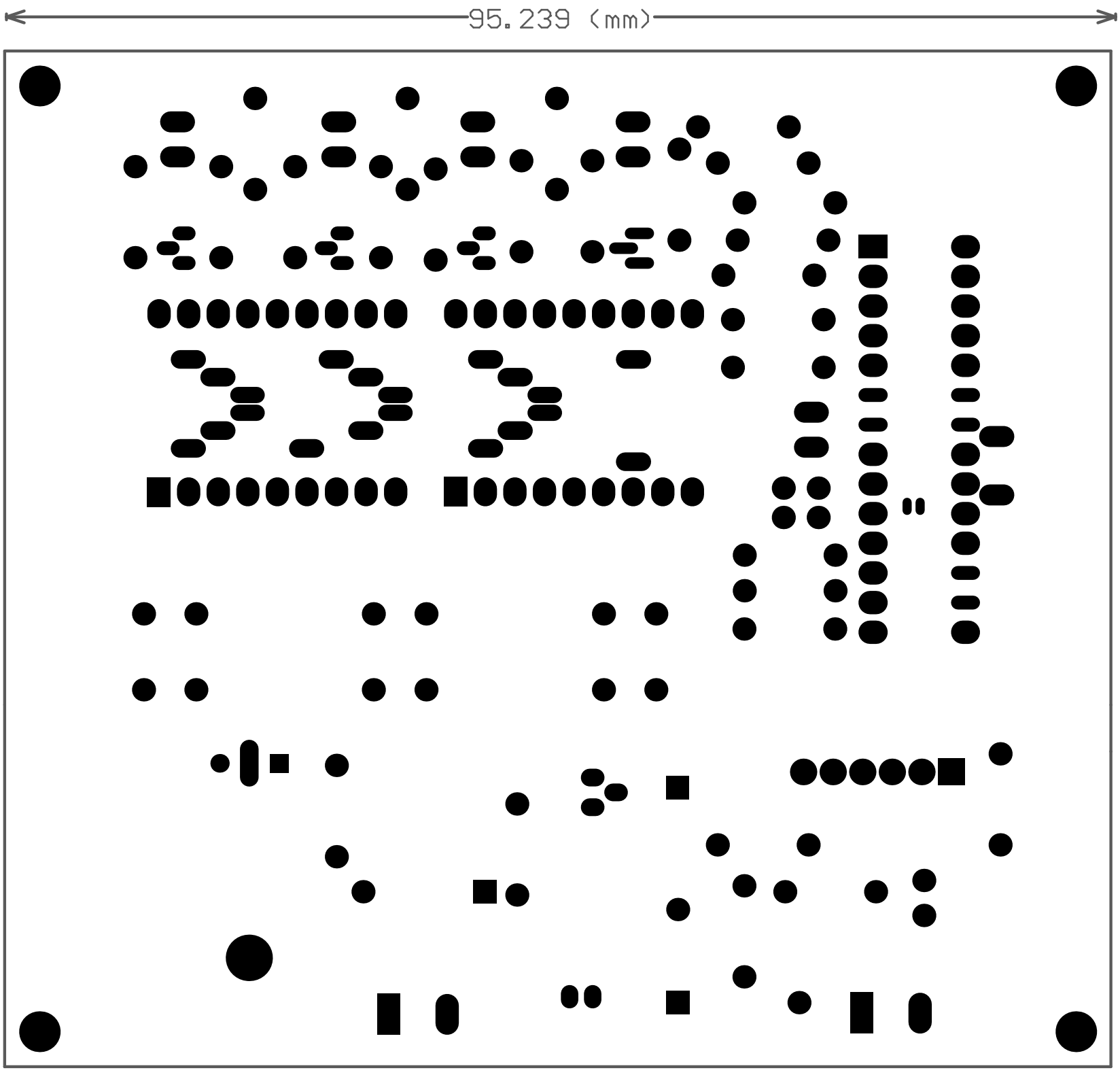
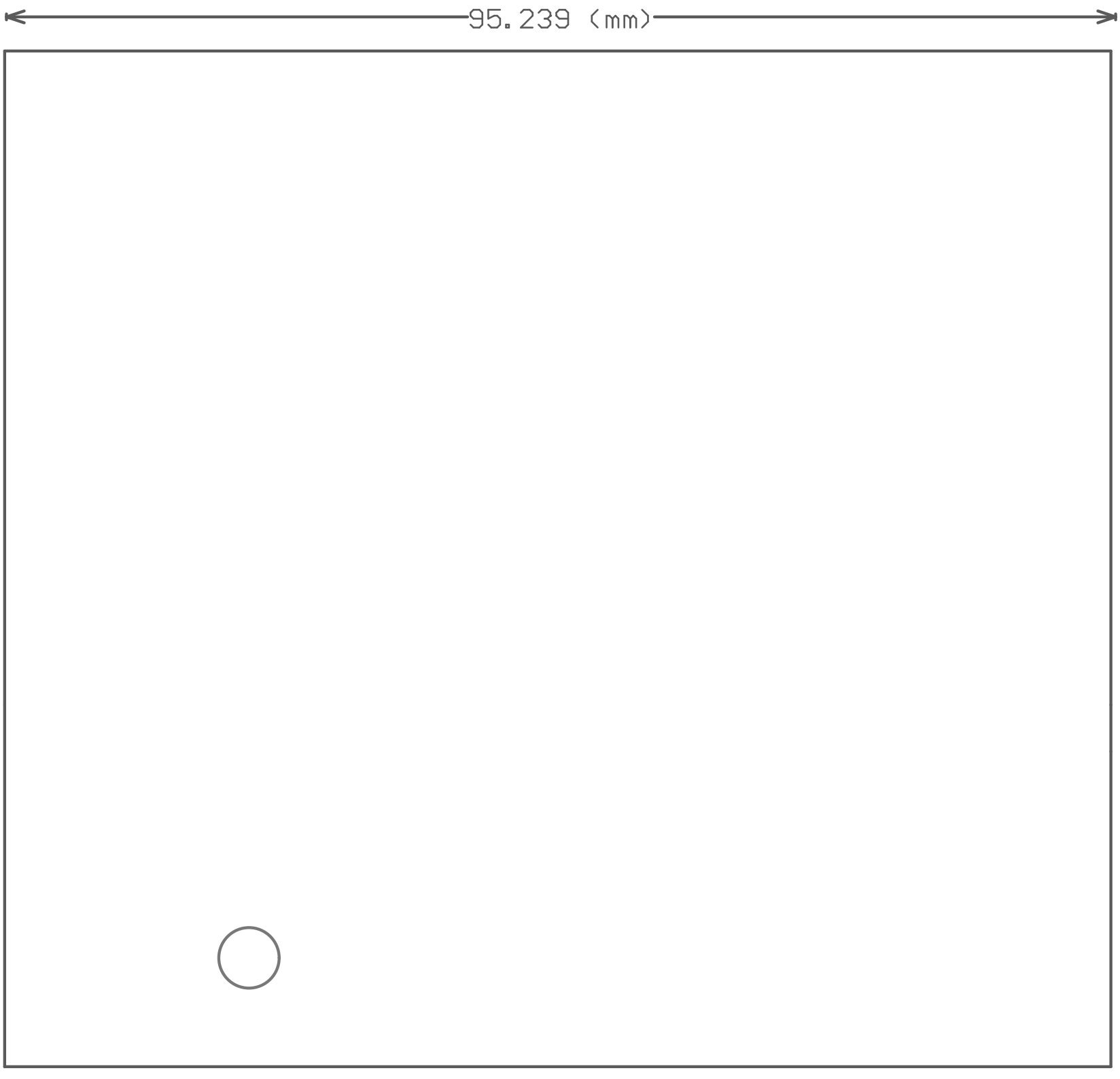
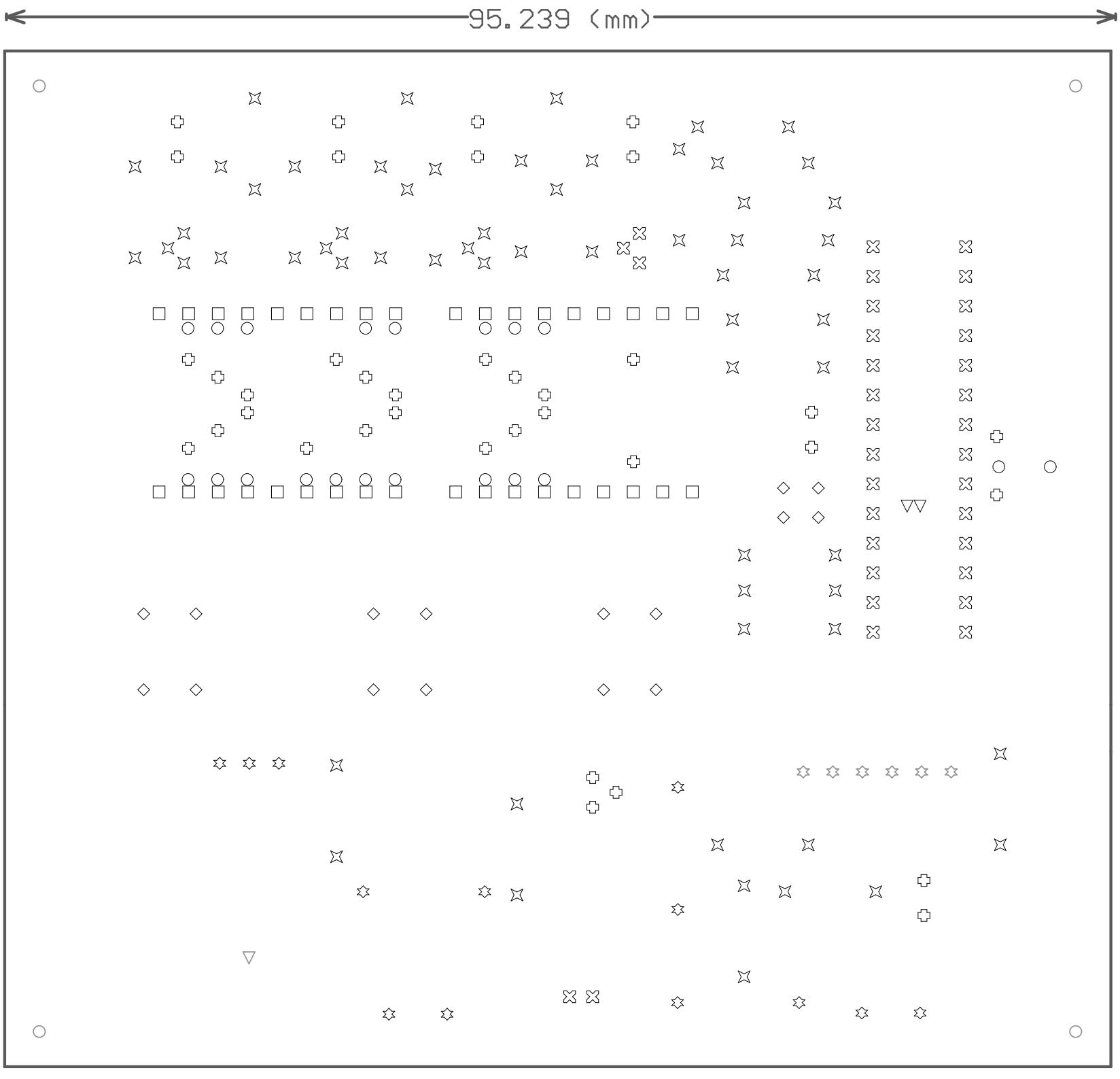

95.239 (mm)


95.239 (mm)


95.239 (mm)


95.239 (mm)


95.239 (mm)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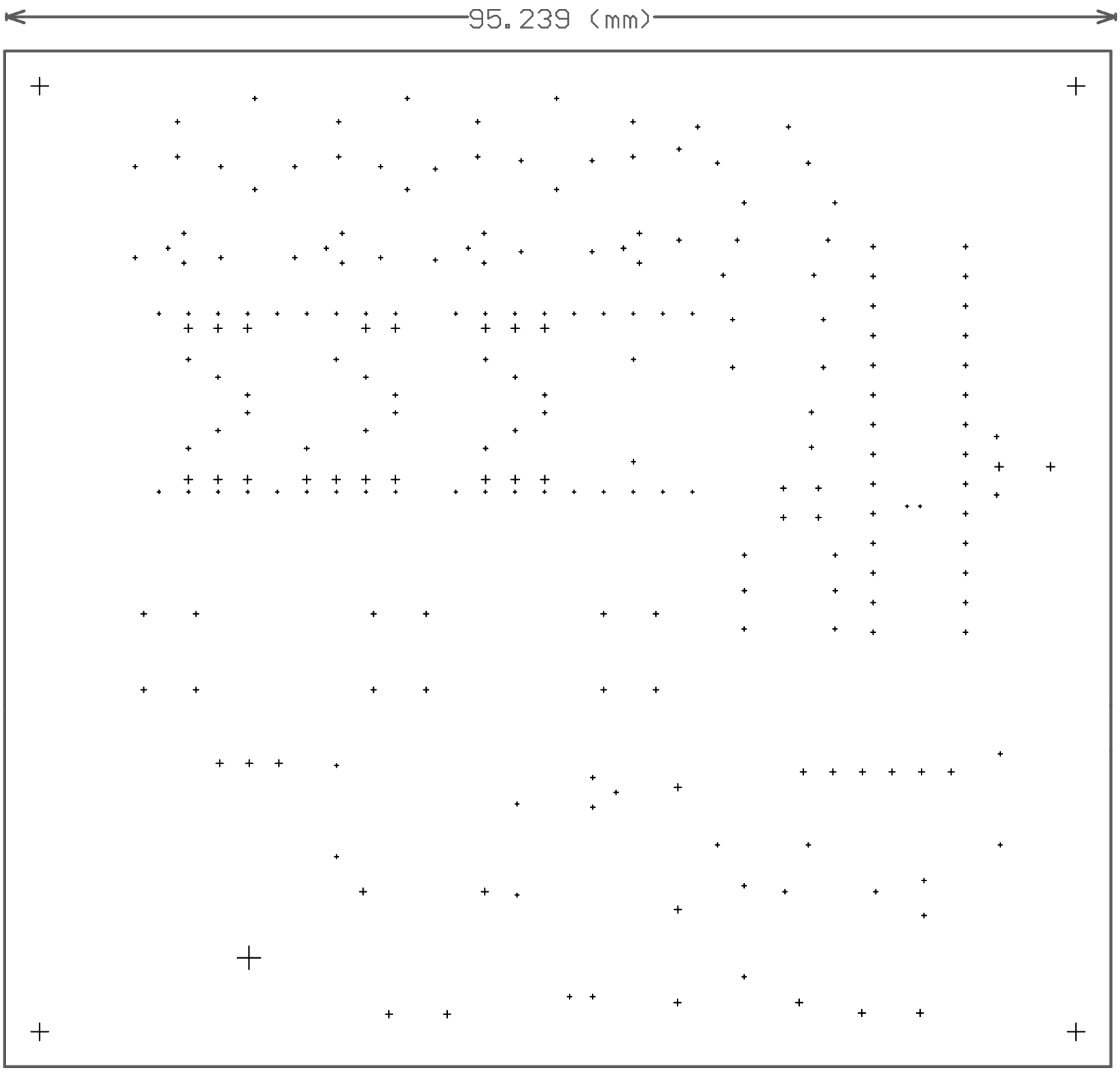
95.239 (mm)

Comment	Description	Designator	Footprint	LibRef	Quantity
Male Connector 2 pins	Male Connector 2 pins	+6V, MOTOR	BR102A	Male Con 2 Pin	2
Cap. Elet.	Capacitor Radial Eletrolitic	C1, C2, C3, C4, C8, CU2	CAP ELE RAD 11mm H	CAP_RADIAL_ELETROLITICO	6
Cap. Elet.	Capacitor Radial Eletrolitic	C5	CAP_RADIAL_2_10_16	CAP_RADIAL_ELETROLITICO	1
Disco	SMD Capacitor 1210 size	C6, C7	CAP CER DISK 3MM	CAP_DISCO	2
Disco	SMD Capacitor 1210 size	CU3	CAP CER DISK 5MM	CAP_DISCO	1
Diode 1N4001	1 Amp General Purpose Rectifier	D1, D2, D3	DO-41	Diode 1N4001	3
TOP5661BH	7 seg display	DP1, DP2	DISPLAY TOP_5261BH	DISPLAY TOP_5261BH	2
IRF3205	HEXFET Power MOSFET	Q1	KC03 - Deitado	T-HEXFET N	1
Resistor Generic	Generic Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13 R14, R15, R16, R17, R18, R18_, R19, R19_, R20, R20 R22, R23, R24, R25	RES 300 CR25	Resistor Generic	27
SW-PBST 4 Pins	SW-PBST 4 Pins	SKD, SKE, SKU	SW-PBST 4 Pins - SKHH 1 mm	SW-PBST 4 Pins SKHH	3
BAR 6 PINS	.100 Inch AMPMODU Headers 1-826629-0 (Tyc	SPI	HEADER BAR 6 PINS	HEADER BAR 6 PINS	1
BC516	General Bipolar Transistor NPN	T1	TO-92 - Large	T-PNP	1
BC516	General Bipolar Transistor NPN	T2, T3, T4	TO-92	T-PNP	3
Transistor	General Bipolar Transistor NPN	T5	TO-92 - BIG	T-NPN	1
ATmega328-PA-PU	8-Bit AVR Microcontroller with 8K Bytes of In-Syster Programmable Flash Memory	U1	28P3	ATmega328-PA-PU	1
XTAL	Crystal Oscillator	X1	XTAL CILINDRIC DEITADO	XTAL	1