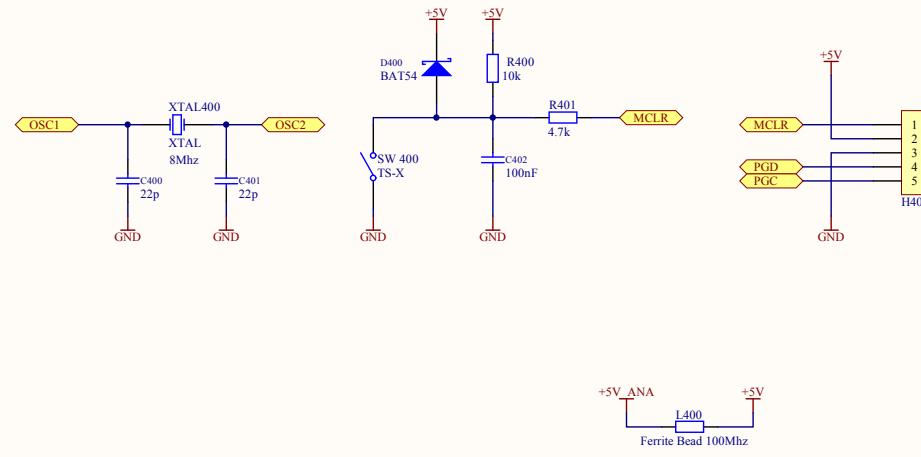
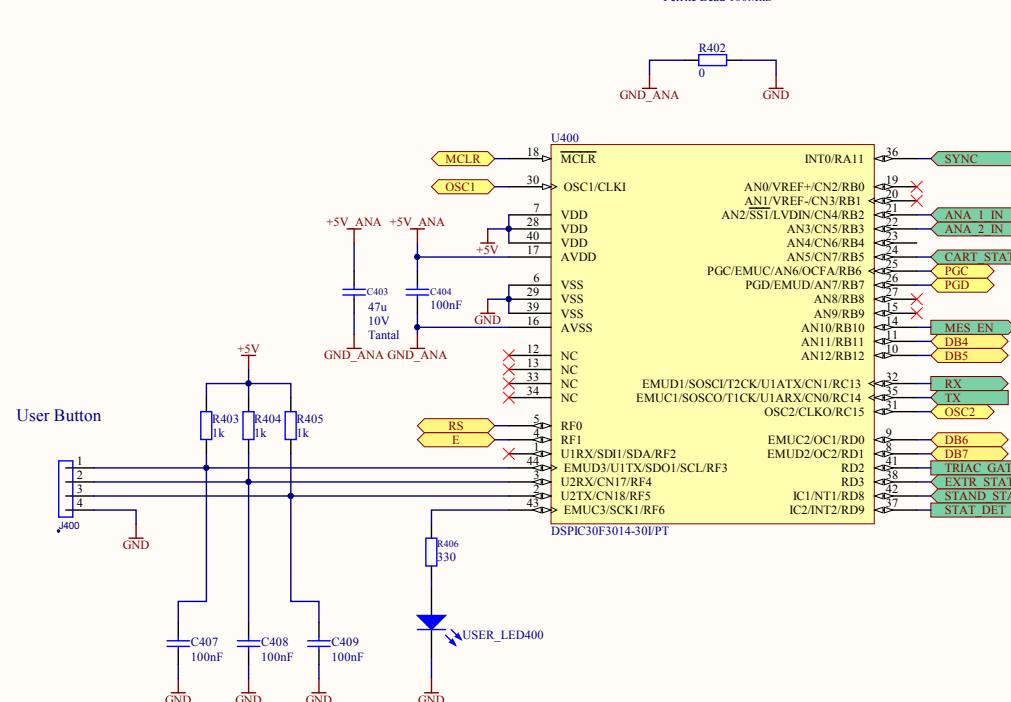


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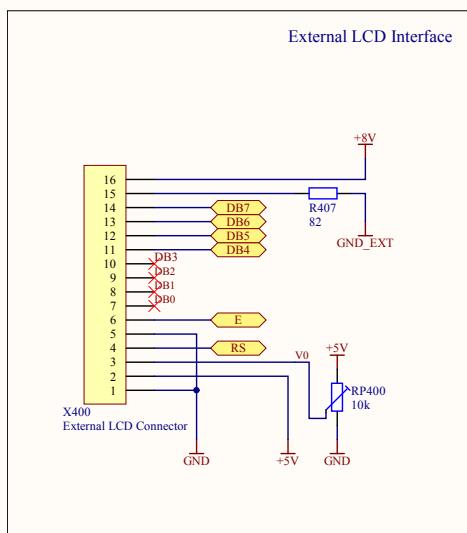
A

B



B

C



C

D

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Size	Number	Revision
A3		
Date: 13.12.2012	Sheet of	
File: D:\Projects\CONTROLLER.SchDoc		Drawn By:

A

A

B

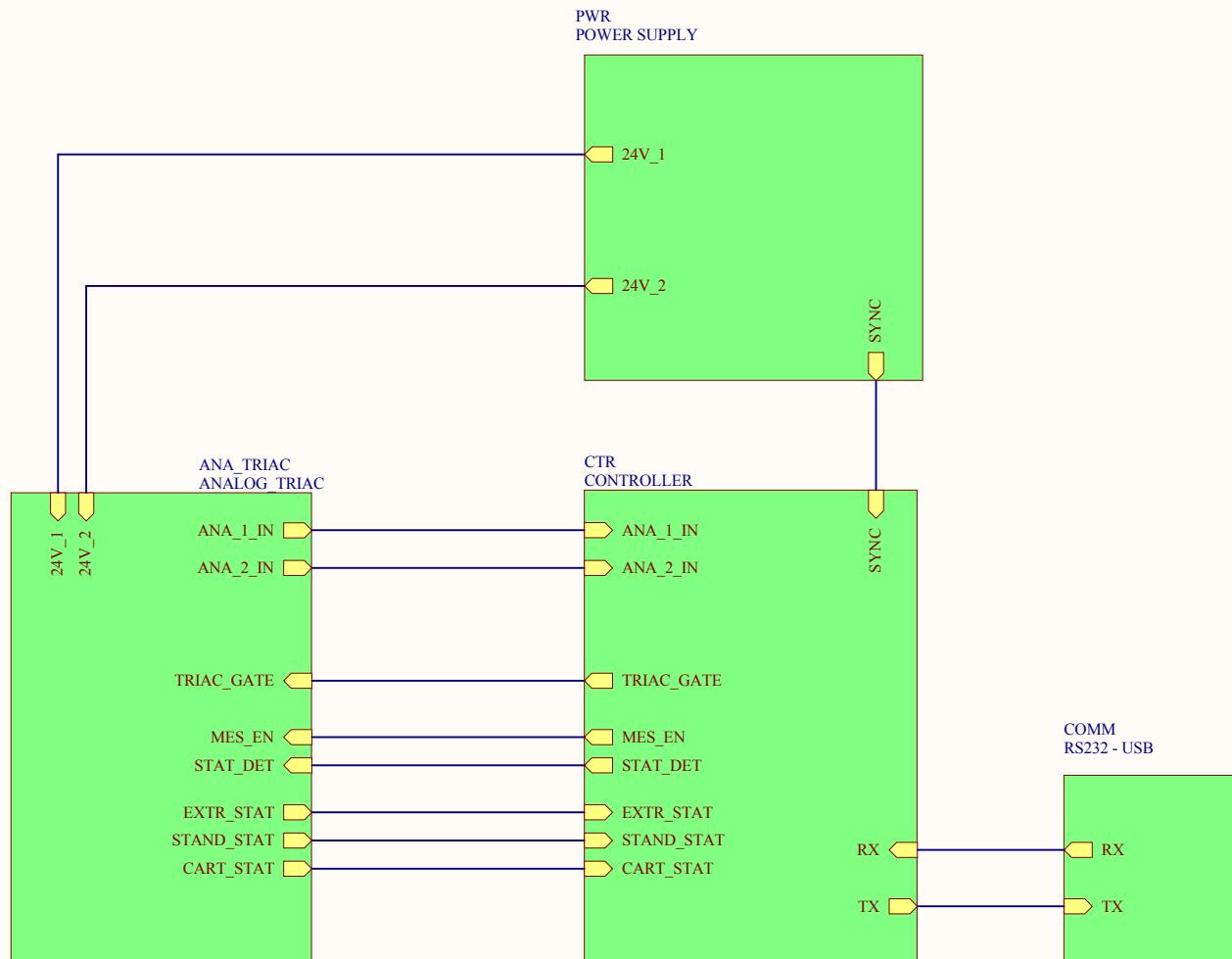
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C

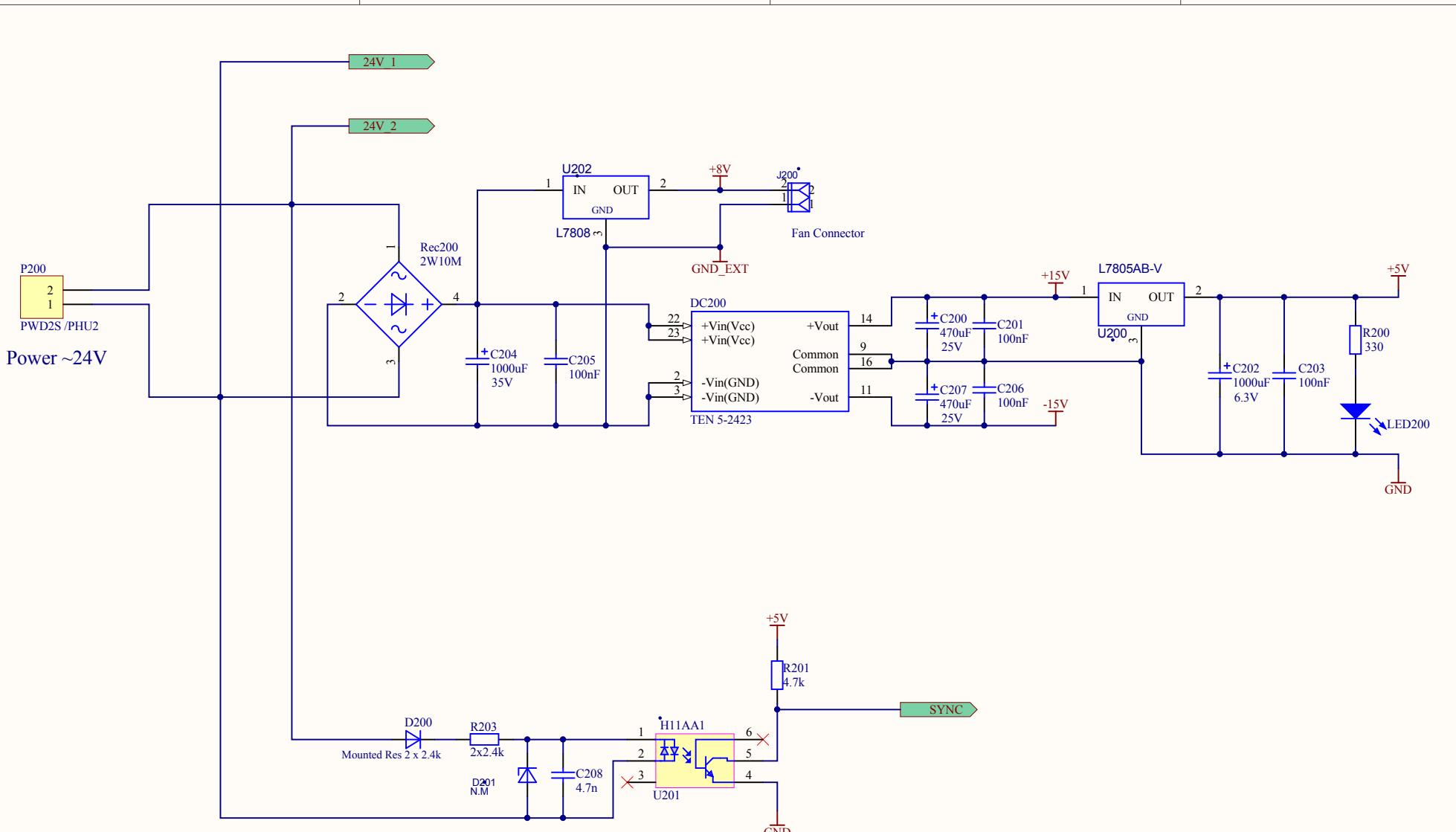
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D



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Size	Number	Revision
A4		
Date: File:	13.12.2012 D:\Projects\.\Main.SchDoc	Sheet of Drawn By:



Title		
Size	Number	Revision
A4		
Date: 13.12.2012	Sheet of	
File: D:\Projects\..\POWER SUPPLY.SchDoc		Drawn By:

1

2

3

4

1

2

3

4

A

B

C

D

A

A

B

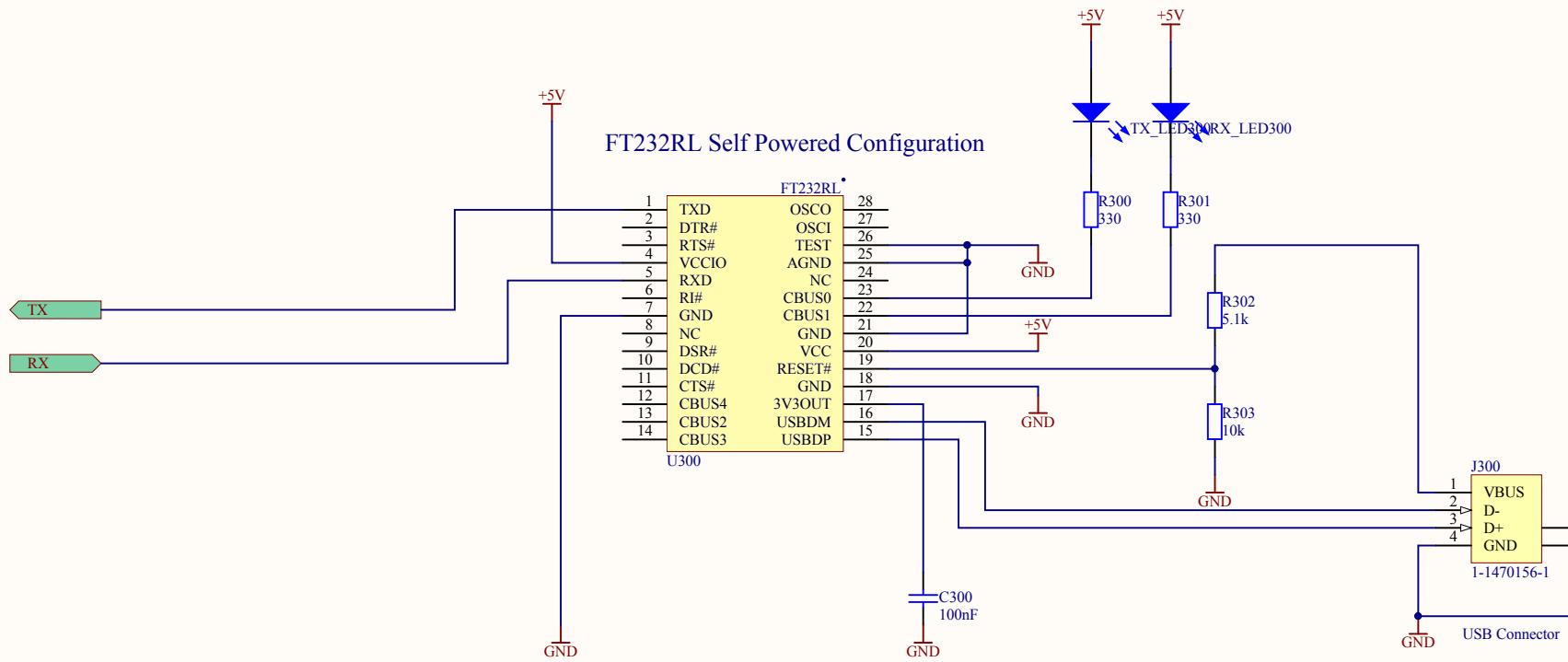
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C

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D

D



Title

Size

A4

Number

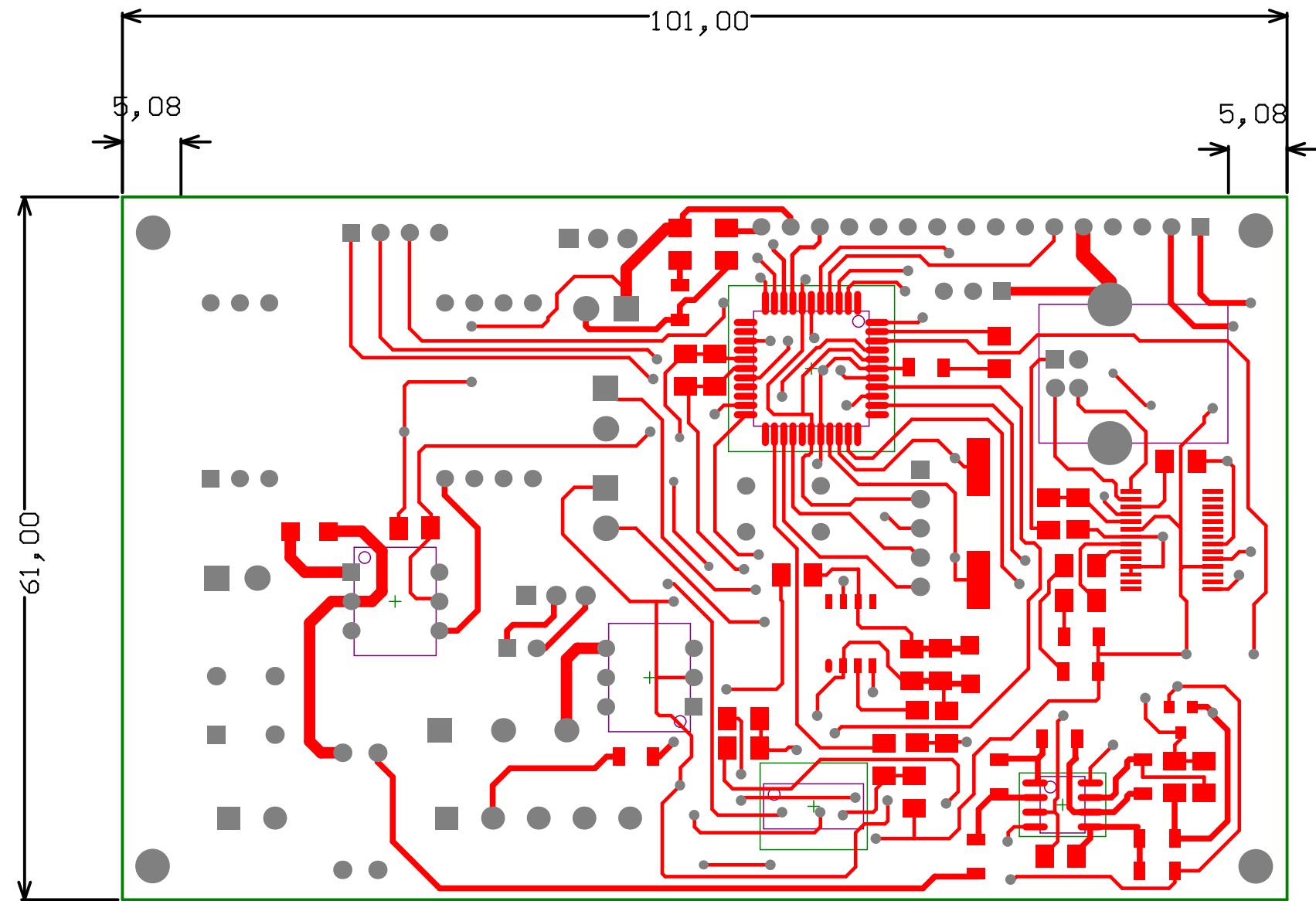
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Date: 13.12.2012

Sheet of

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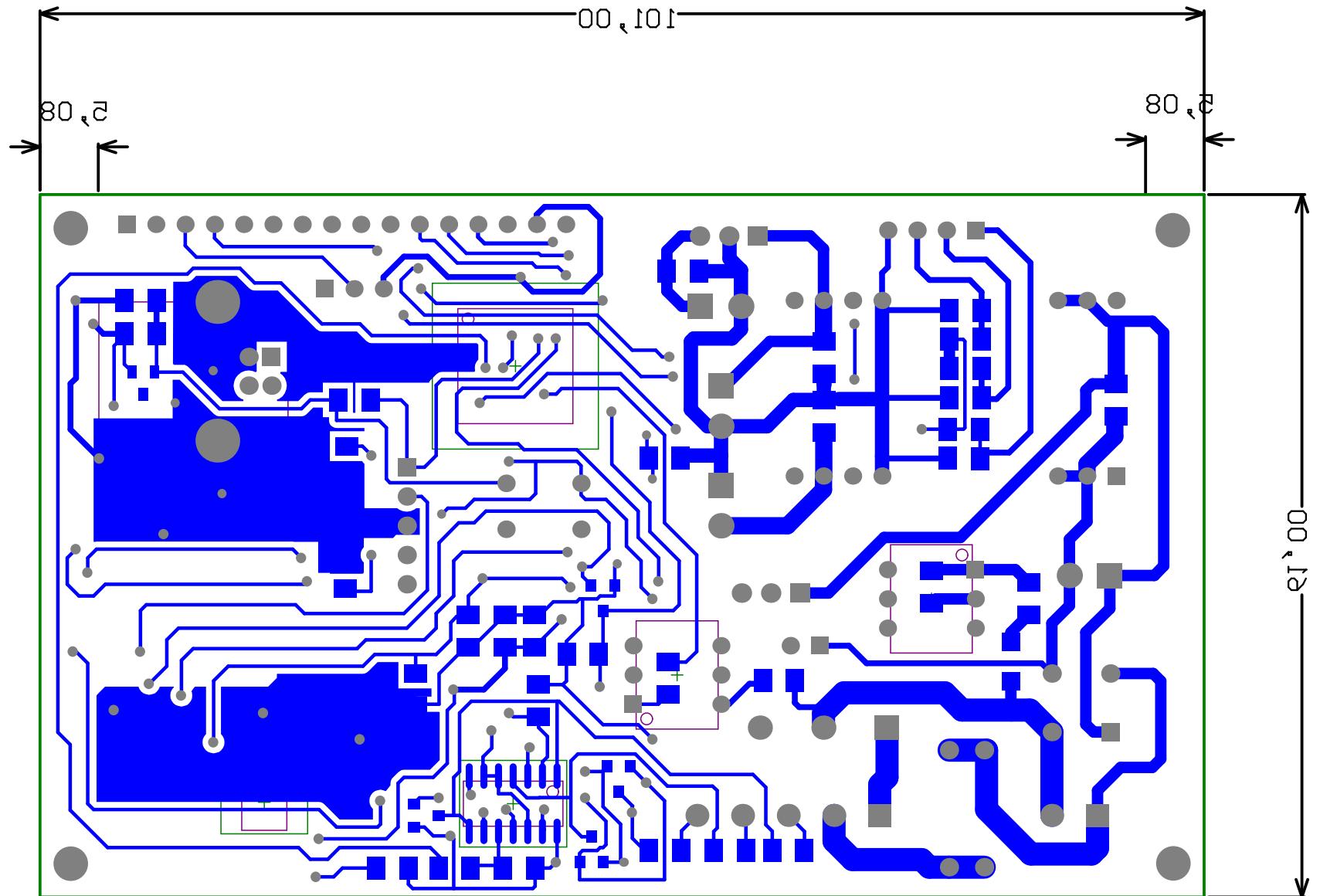
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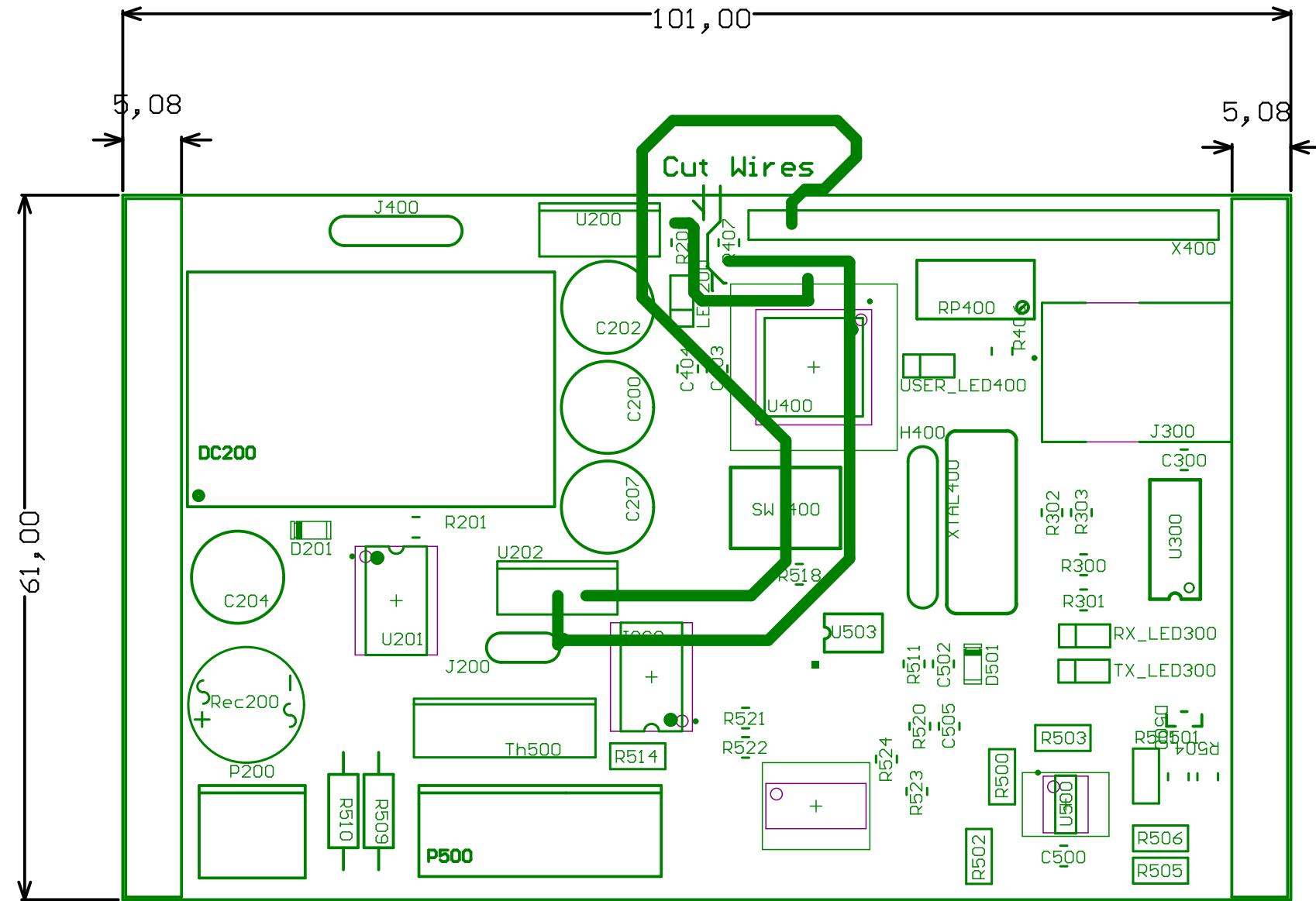
Top Layer

Board

Bottom Layer



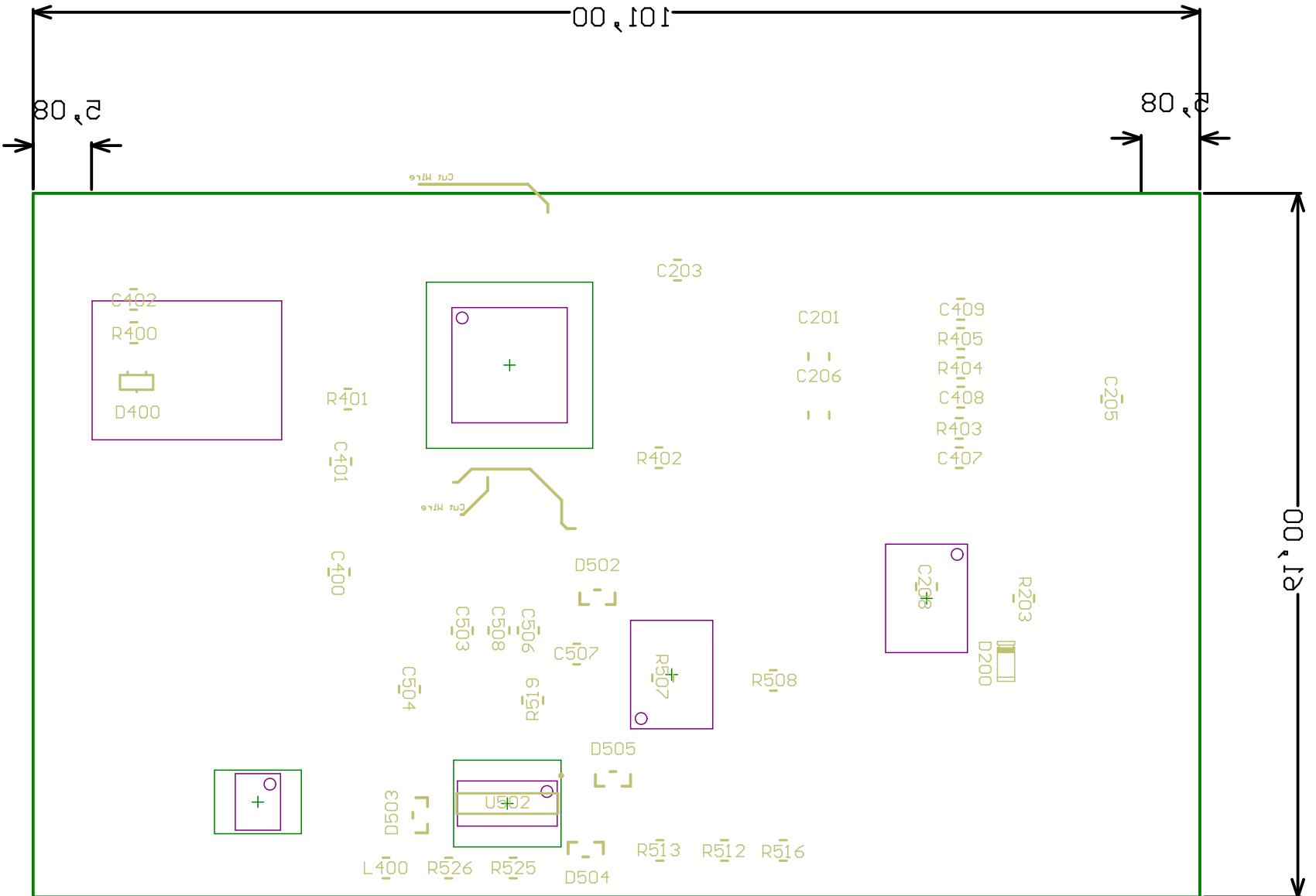
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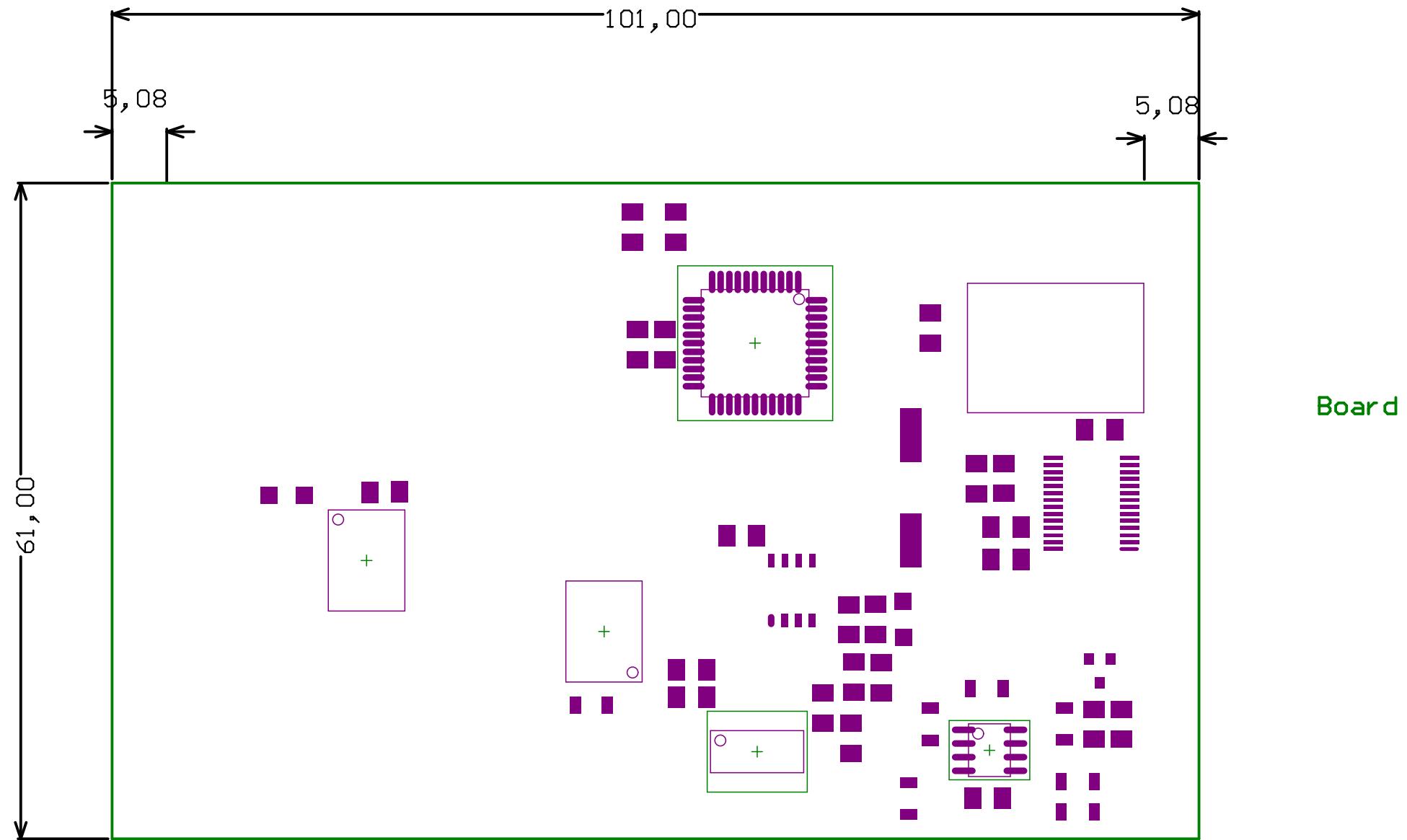


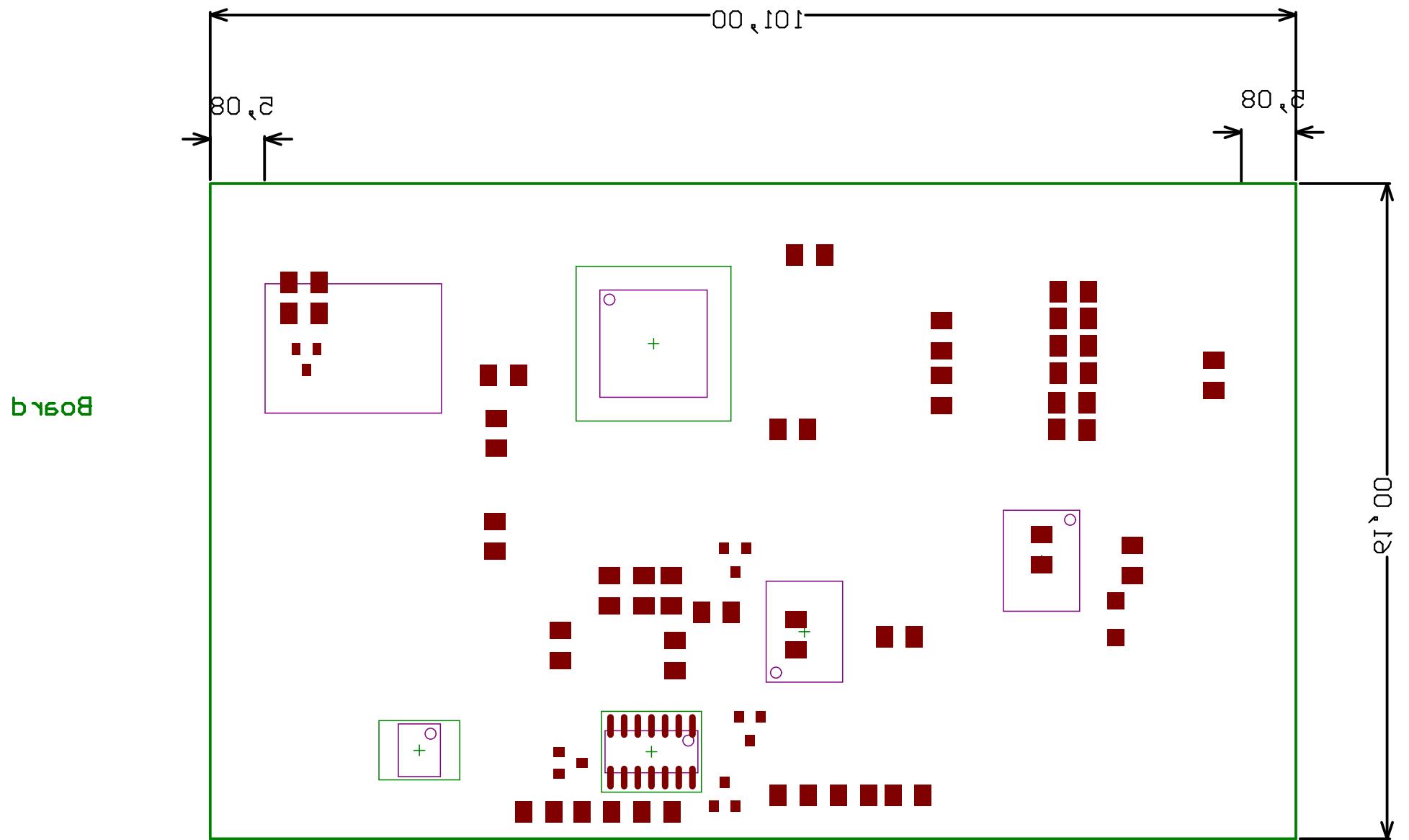
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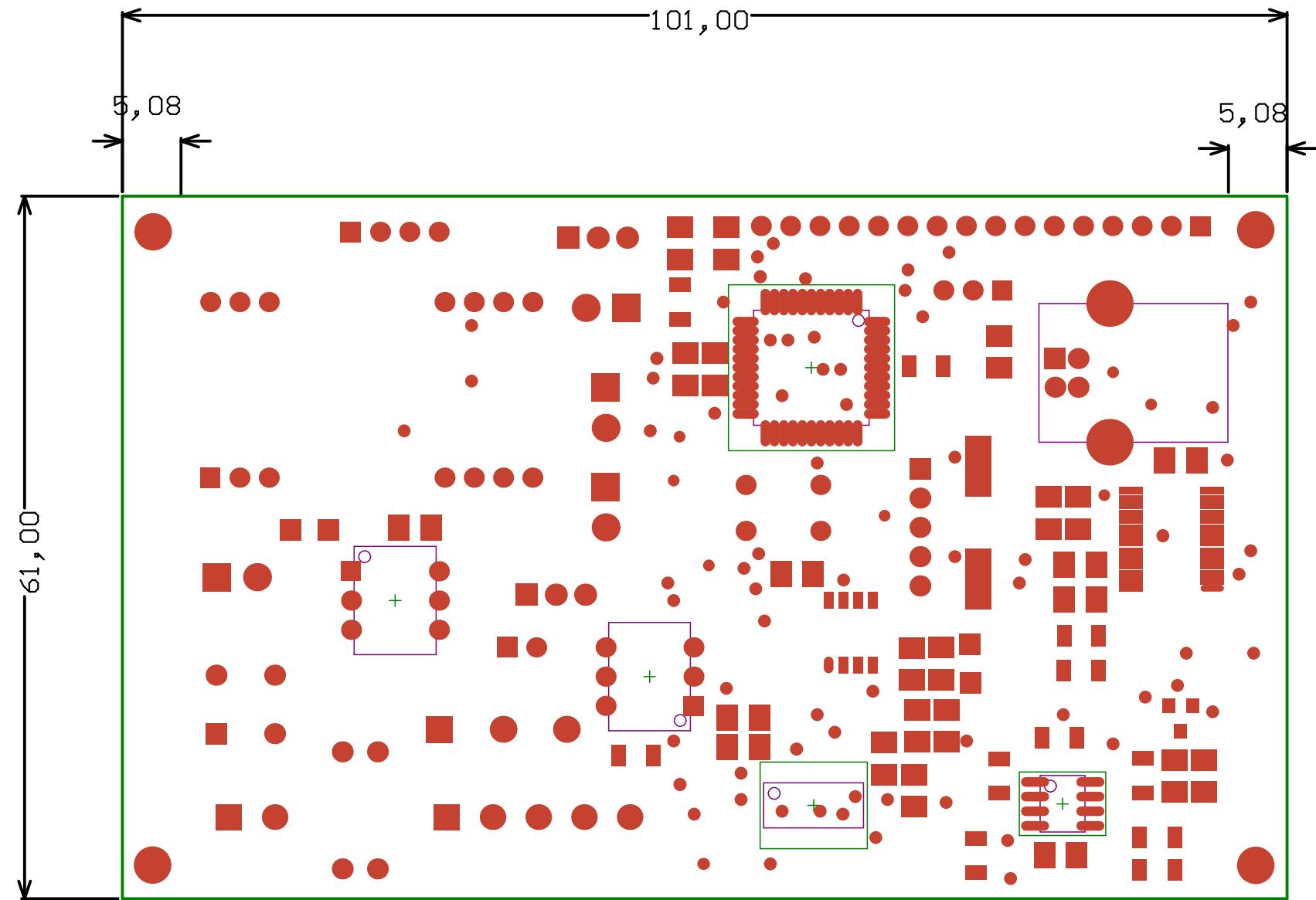
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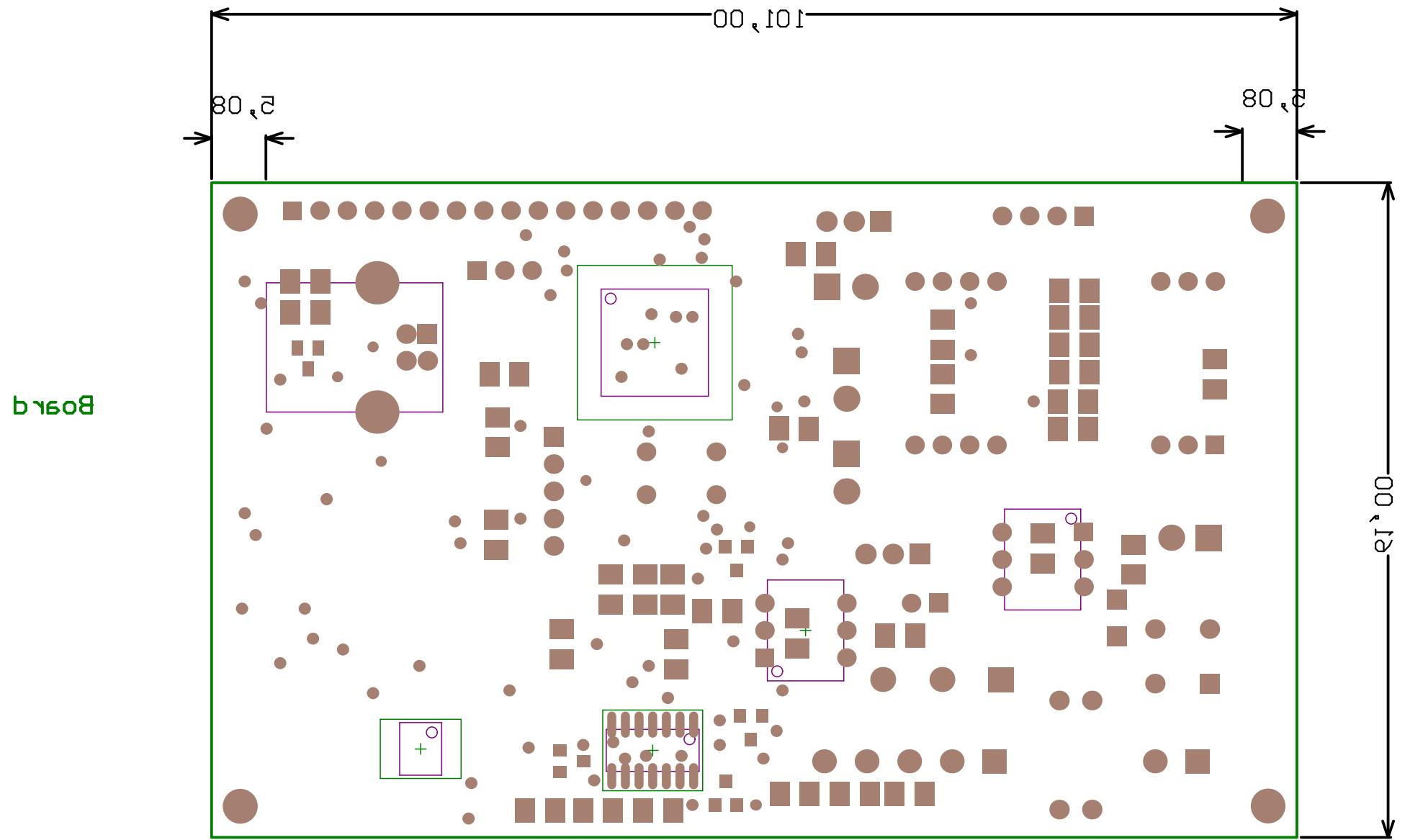
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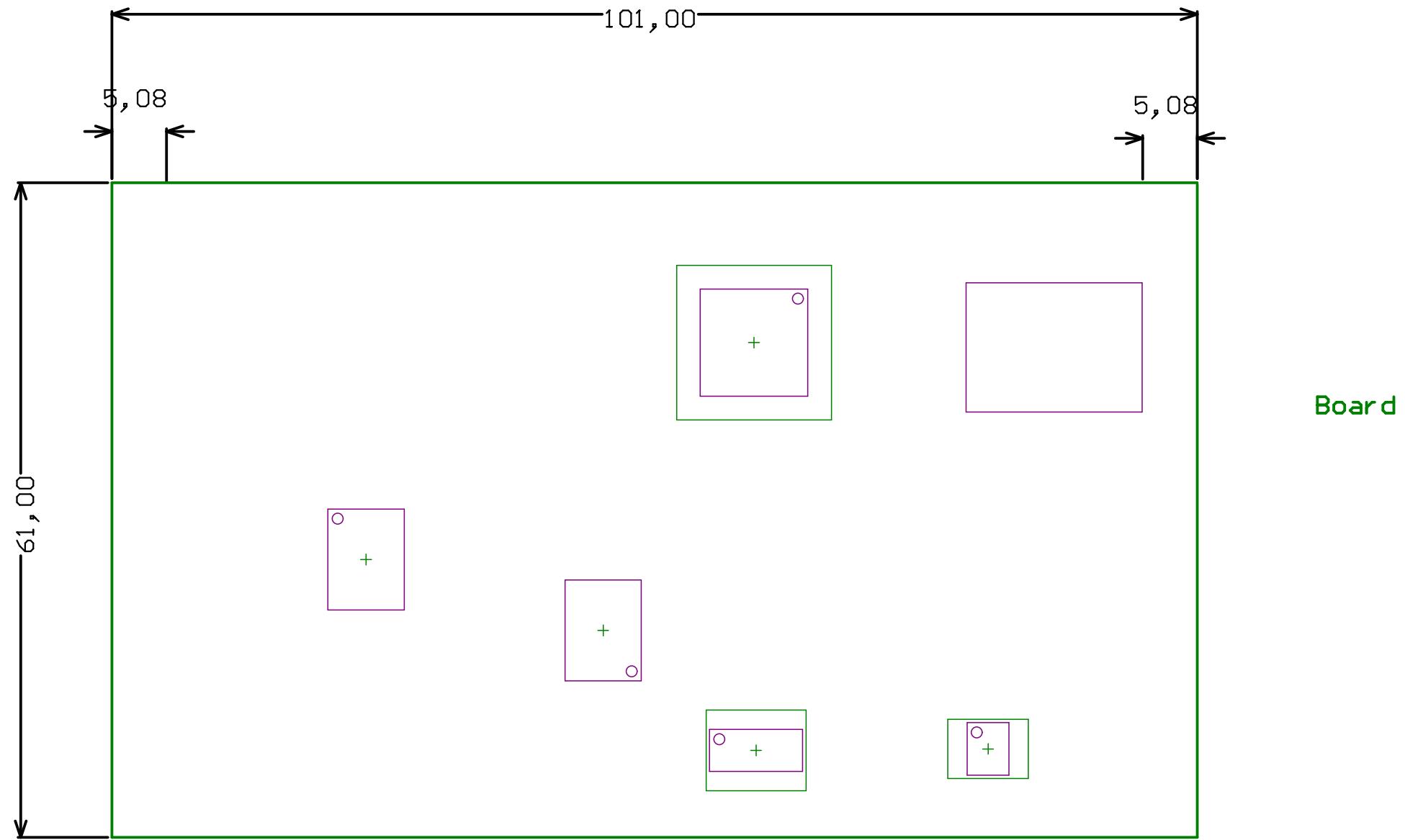


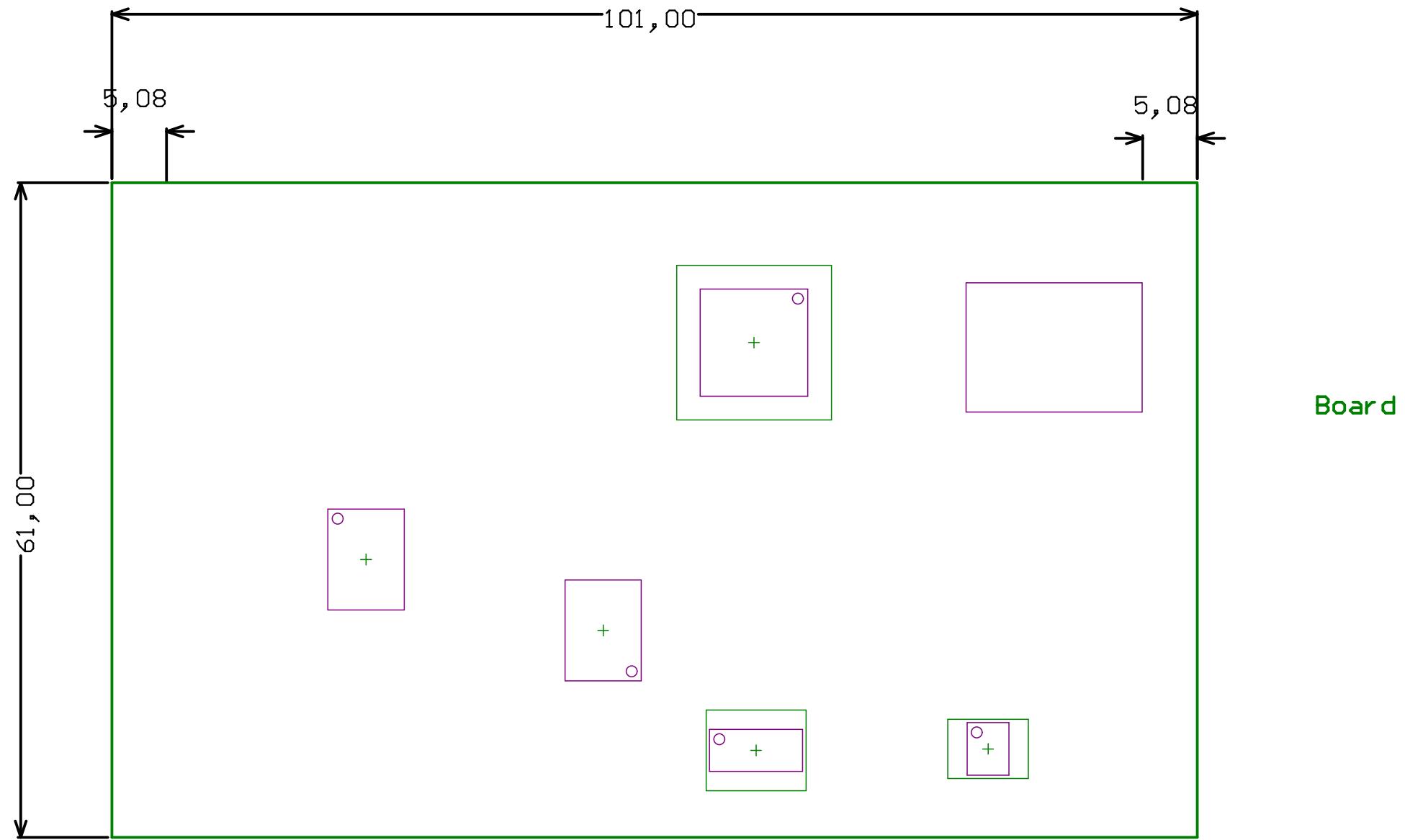


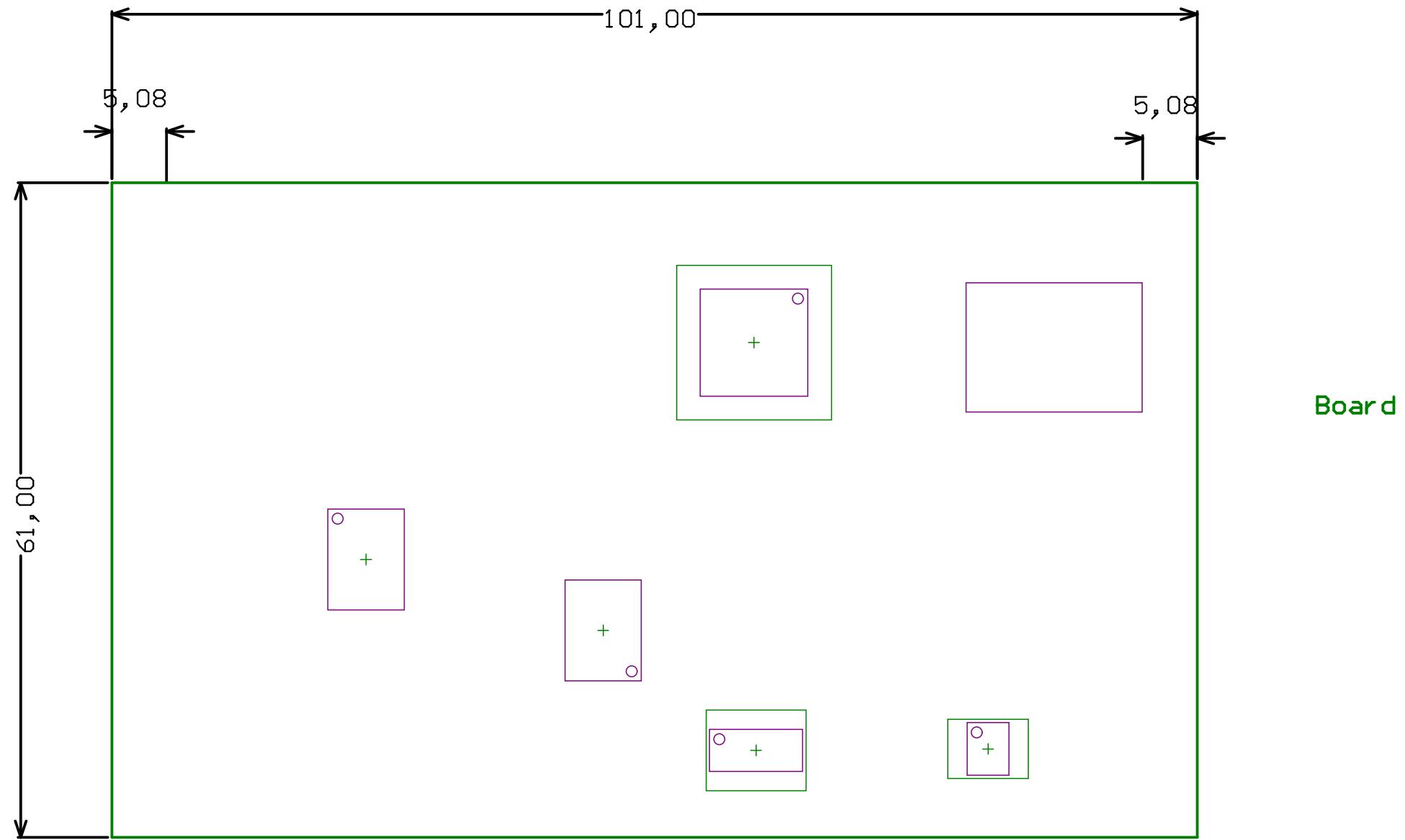


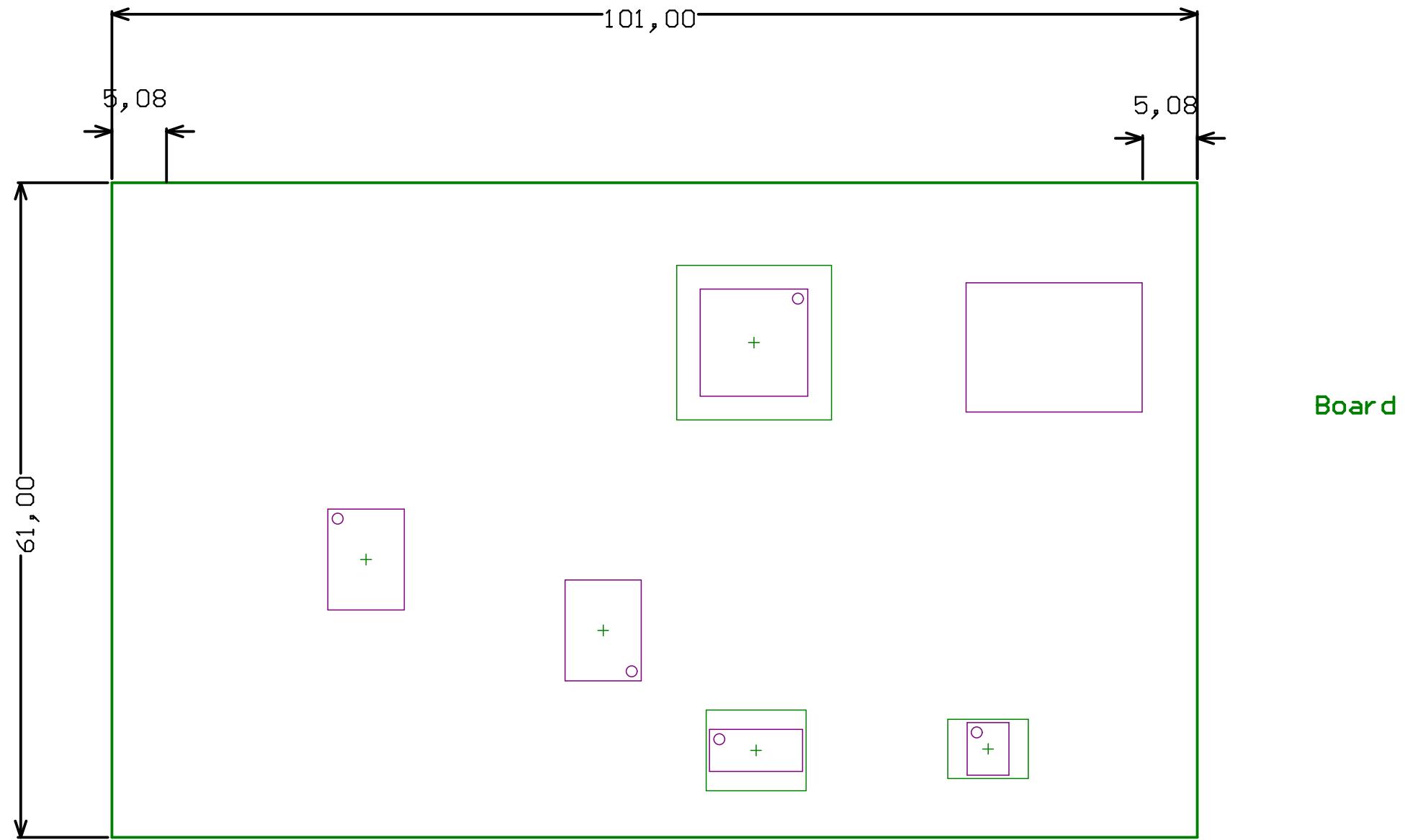


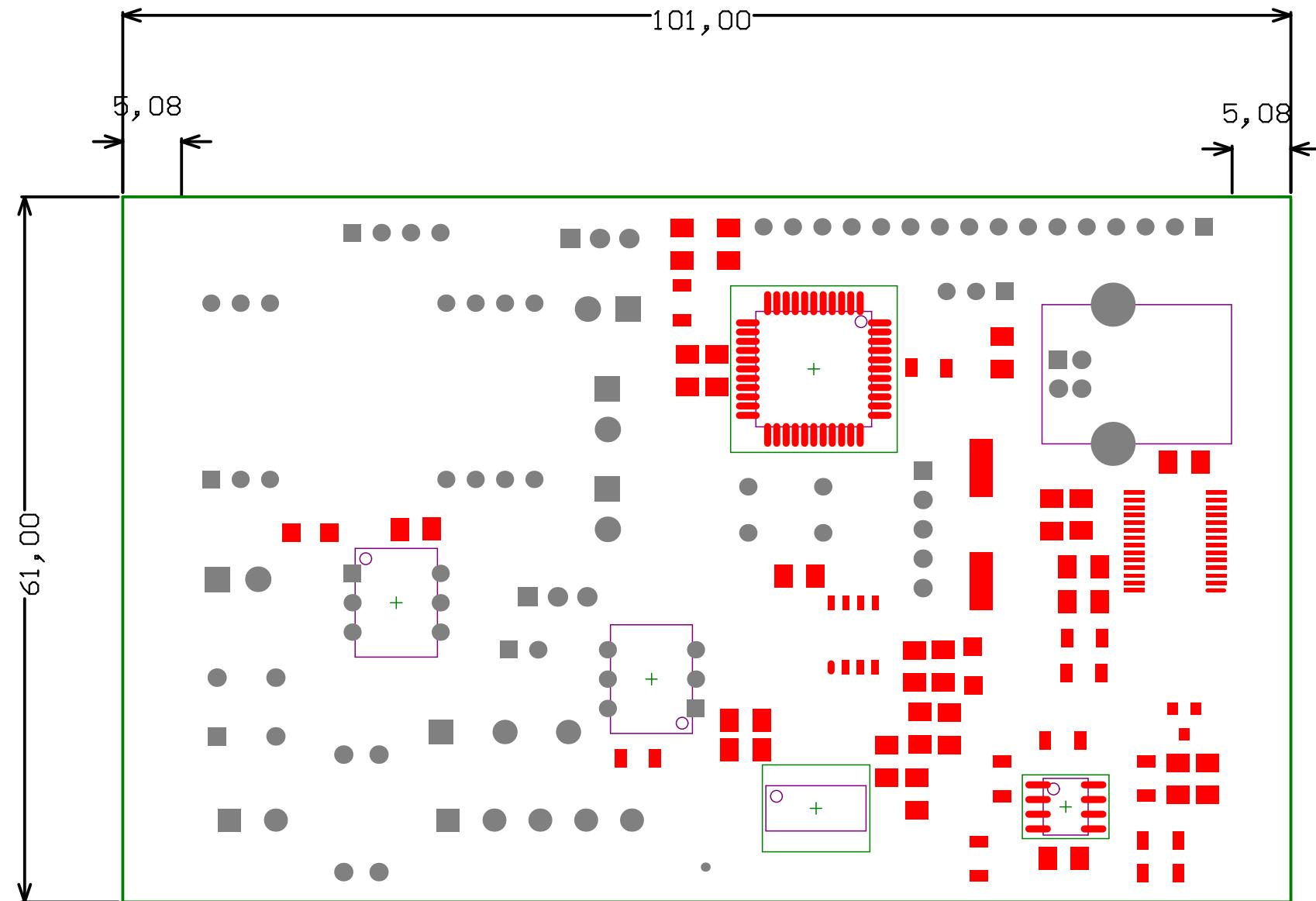


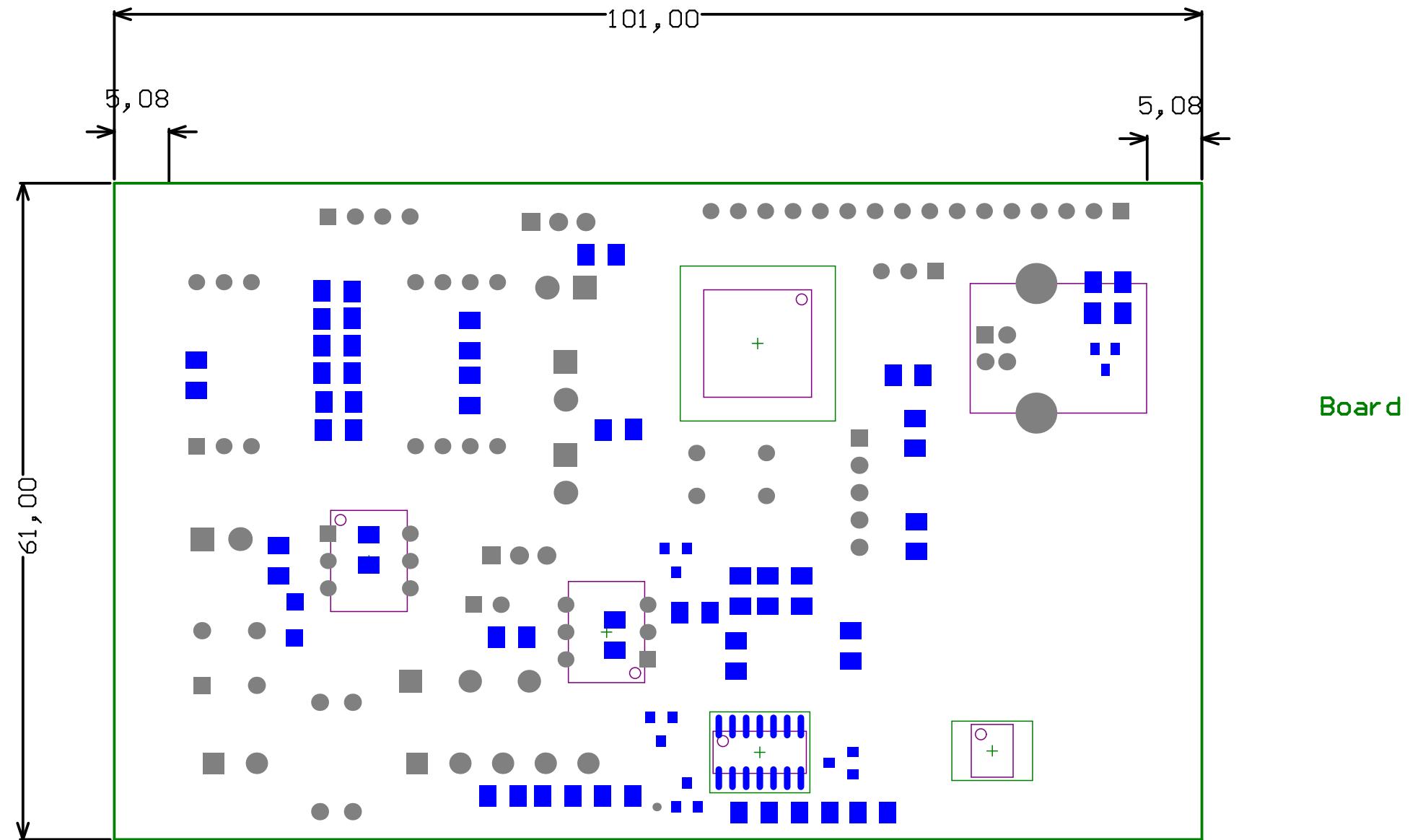


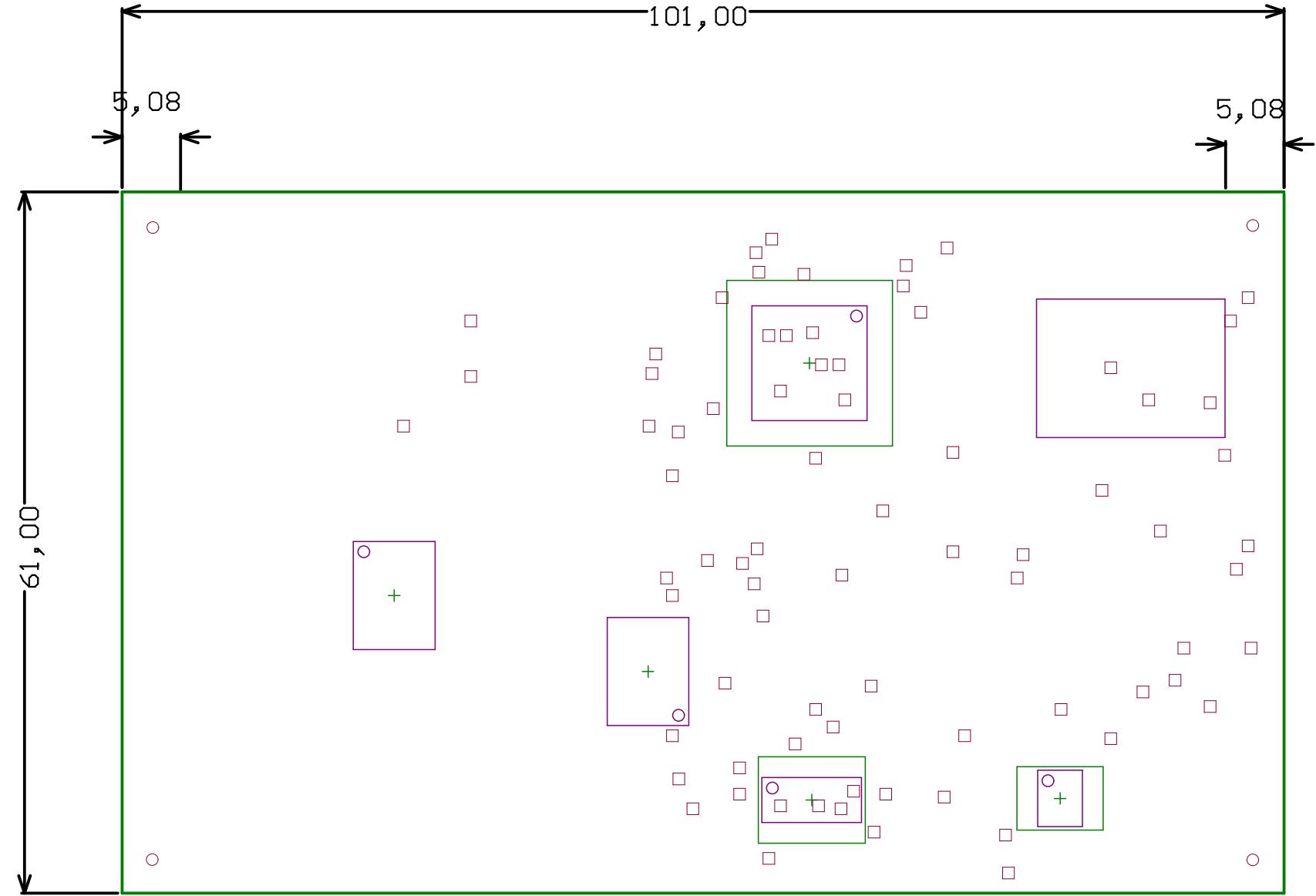




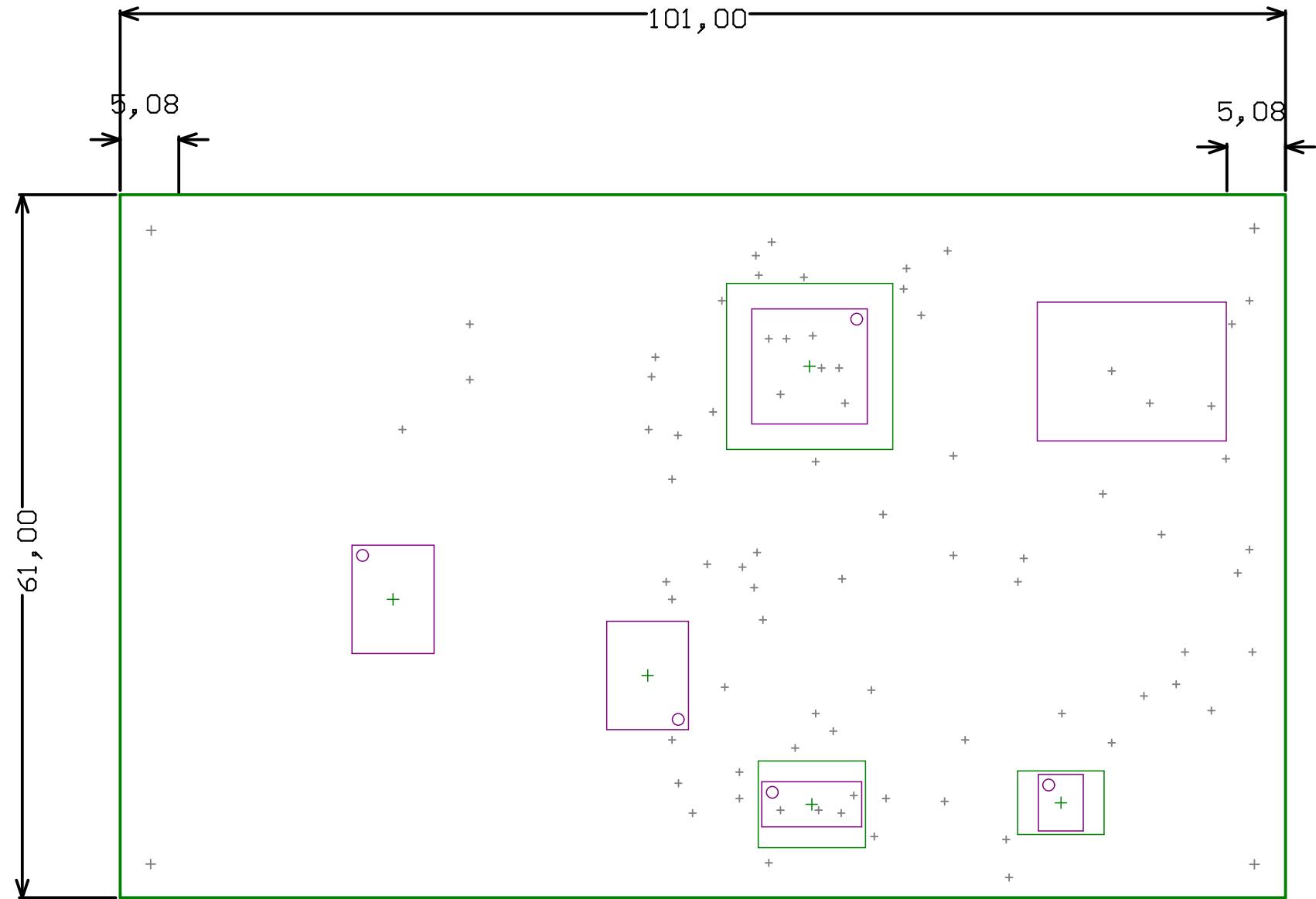








Board



Board

Bill of Materials

<Parameter Title not found>

Source Data From:	SSTU V3.0.PrjPCB
Project:	SSTU V3.0.PrjPCB
Variant:	None
Creation Date:	13.12.2012 00:19:03
Print Date:	41256 41256,01327

Footprint	Comment	LibRef	Designator	Description	Quantity
Cap Electroly	Cap	Cap pol	C200, C202, C204, C207		4
7			C201, C203, C205, C206, C208, C407,		17
3216[1206]	Cap 1206	Cap 1206	C408, C409, C500, C501, C502, C503,		
D_MINIMELP	Cap LL4148	Cap LL4148	C504, C505, C506, C507, C508		6
LL4148			C300, C400, C401, C402, C403, C404		
D_MINIMELP	BZV55C5V1	BZV55C5V1	D200	Voltage regulator diode	1
BZV55C5V (Primary)			D201		1
SOT23	BAT54	BAT54	D400		1
SOT23_HIS	BAT64-04	BAT64-04	D500, D502, D503, D504, D505	Silicon Schottky Diodes	5
Primary			D501	BZV55C12V	1
D_MINIMELP	BZV55C12V	BZV55C12V	D501		1
BZV55C12V (Primary)			TEN 5-2423	DC200	1
DIP24_TRACT	TEN 5-2423		H400		
O			SIP2		
SIP5	HEADER X5	HEADER X5	J200		1
SIP2	SIP2	SIP2	J300	USB 1.1, Right Angle, Thru-Hole, B Type	1
USB2.5- 2H4D	1-1470156-1	1-1470156-1	J400	Receptacle, 4 Position, White	
SIP4	SIP4	SIP4	L400, R200, R201, R203, R400, R401,		1
3216[1206]	RES	RES 1	R402, R403, R404, R405, R504, R507,		
			R508, R511, R512, R513, R516, R518,		
			R519, R520, R521, R522, R523, R524,		
			R525, R526		
LED_1206	LED	LED	LED200, RX_LED300, TX_LED300,		4
PWD2S /PHU2	PWD2S /PHU2	PWD2S /PHU2	USER LED400		
PWD5S/ PHU5	PWD5S /PHU5	PWD5S /PHU5	P200		1
3216[1206]	Resistor	RES1	P500		1
1206_REFLC	RES	RES 1	R300, R301, R302, R303, R406		
W			R407, R500, R501, R502, R503, R505,		5
RA161004	RES	RES 1	R506, R514		
WOB_2WXX	2W10M	2W10M	R509, R510		2
XJM			Rec200		1
BOURNS329	Trimmer	Res Trim	RP400		1
6W			SW 400		1
TS Button	Tack Button 6x6	TS-X Button	Th500		
TO247	BTA 26-600B	BTA 26-600B	U200, U202	Precision 1A Regulator	2
SFM-T3/E10.4V_L	L7805AC-V	L7805AC-V			
7805AC- V(Primary)					
DIP6	H11AA1	H11AA1	U201		1
SSOP28	FT232RL	FT232RL	U300		1
TQFP- PT44_M	DSPIC30F3014	DSPIC30F3014	U400	High-Performance 16-bit Digital Signal Controller, 24 KB Flash, 2 KB SRAM, 1 K EEPROM, 44-Pin TQFP, Industrial Temperature	1
30/PT	30I/PT	30I/PT	U500	Low-Power J-FET Dual Bipolar Operation Amplifier	
SO8_N	TL062MD	TL062MD	U501		1
DIP-6	MOC3023	MOC3023	U502	Quad Bilateral Switch For Transmission or Multiplexing of Analog or Digital Signals	1
SO14_N	74HCT4066D	HCF4066BM1	U503		1
NXP			U504		1
SO8	OP07C	OP07C	X400		1
HDR1X16	HEADER X16	HEADER X16	XTAL		1
XTAL			XTAL400		1

103

Approved	Notes