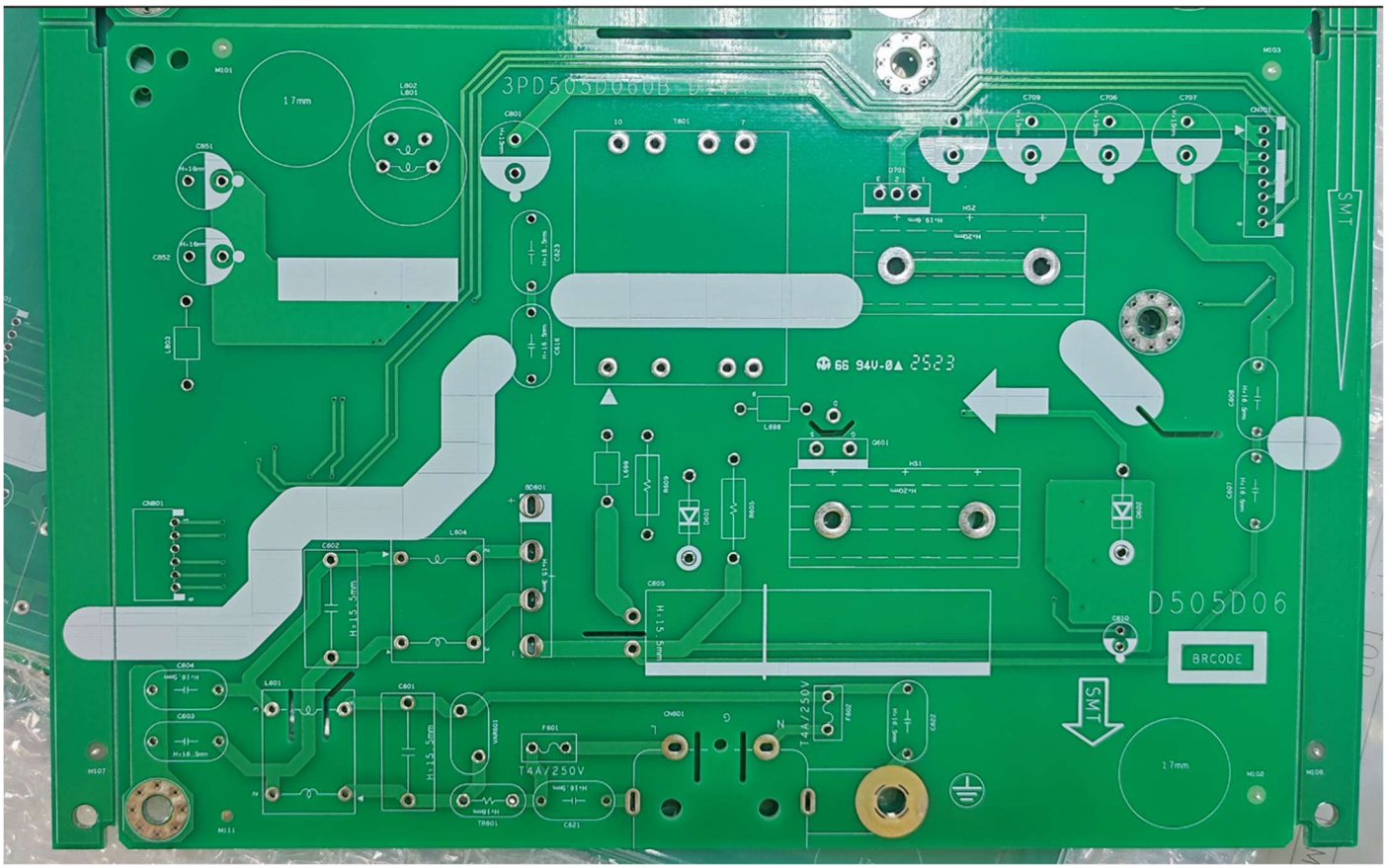

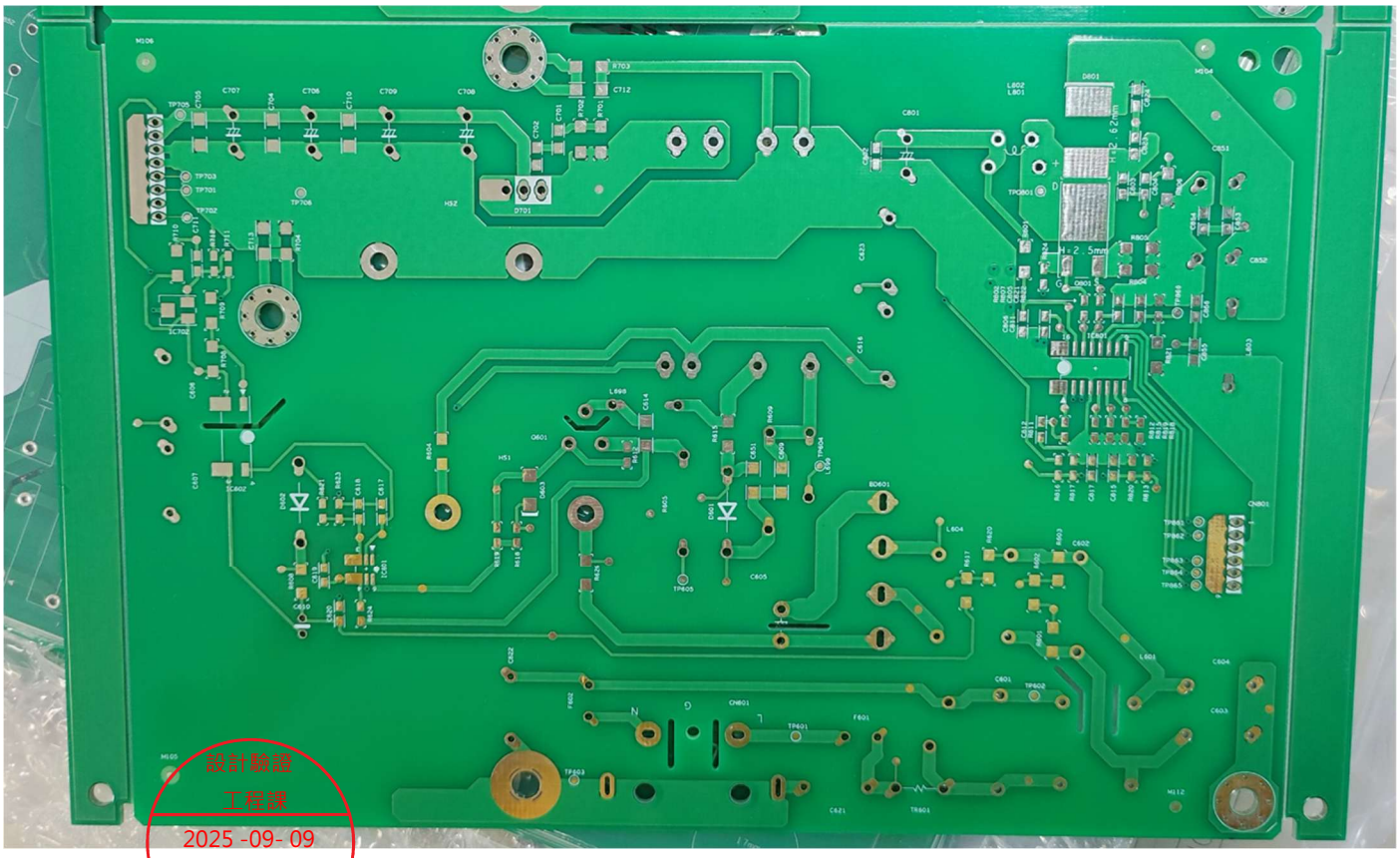

設計驗證
工程課
2025 -09- 09
發行
鈺德科技開發股份有限公司

TAI MOON

PROFESSIONAL MULTILAYER PCB MANUFACTURER

台盟電子股份有限公司
TAI MOON ELECTRONICS CO., LTD
新北市樹林區三龍街155號
NO.155, SANLONG ST., SHULIN DIST., NEW TAIPEI CITY 238, TAIWAN (R.O.C.)
TEL:(02)2688-2199 FAX:(02)2689-8980
Http://www.taimoon.com.tw

承認書

SPECIFICATION FOR APPROVAL

致 TO:	鈺緯科技開發股份有限	公司 COMPANY
客戶品名 CUSTOMER P/N	3PD505D060B (P0335)	
客戶版本 REVISION:		
台盟料號 TAI MOON P/N:	ST018Z22865	

Date: 2025.05.28

客戶確認	業務部	品保部	工程部
設計驗證 工程課 2025 -09- 09 發行 鈺緯科技開發股份有限公司		莊琪蓉 代	廖伯崙 朱信宇

◎ PLEASE RETURN TO US WITH YOUR APPROVED SIGNATURE WITHIN A WEEK, OR WE ASSUMED THAT IT HAD BEEN APPROVED.

台盟電子股份有限公司

測 試 檢 驗 報 告

Test Inspection Report

項次 ITEM	內　　容 DESCRIPTION	規　　格 SPECIFICATION	結　　果 JUDGEMENT
1	板材 LAMINATE MATERIAL	☒ FR4 TG-140 ☐ ISOLA 370HR	☒合 格(ACC) ☐不合 格(REJECT)
2	板厚 BOARD THICKNESS	☒1.6mm +/-10% ☐ 0.8 mm± 0.08mm	☒合 格(ACC) ☐不合 格(REJECT)
3	內層銅箔厚度 INNER LAYER THICKNESS	☐17.5um ☐ 35um ☐ 70 um ☐ um	☒合 格(ACC) ☐不合 格(REJECT)
4	成品銅箔厚度 OUTER LAYER THICKNESS	☐17.5um ☒ 35 um ☐ 70 um ☐ um	☒合 格(ACC) ☐不合 格(REJECT)
5	孔銅厚度 HOLE WALL COPPER THICKNESS	☒ 0.8 mils(AVG.) ☐ 1.0 mils ☐ mils	☒合 格(ACC) ☐不合 格(REJECT)
6	鍍金厚度 GOLD THICKNESS	u"(AVG.)	☒合 格(ACC) ☐不合 格(REJECT)
7	電 測 ELECTRICAL TEST	Max. Test Voltage: 250V Continuity Resistance: 20Ω Isolation Resistance: 10M Ω	☒合 格(ACC) ☐不合 格(REJECT)
8	拉金測試 TAPE TEST	3M(NO.600) TAPE	☒合 格(ACC) ☐不合 格(REJECT)
9	防焊拉力測試 SOLDER MASK TAPE TEST	3M(NO.600) TAPE	☒合 格(ACC) ☐不合 格(REJECT)
10	焊錫性測試 SOLDERABILITY TEST	Temp: 260° deg C Time: 3-5 seconds	☒合 格(ACC) ☐不合 格(REJECT)

台盟電子股份有限公司

外 觀 規 格 報 告

Appearance Item Report

項次 ITEM	內　　容 DESCRIPTION	規　　格 SPECIFICATION	結　　果 JUDGEMENT
1	週期註記 DATE CODE	☒ YY WW ☐ WW YY	☒合 格(ACC) ☐不 合 格(REJECT)
2	商檢標記 UL LOGO	☒ UL LOGO ☐	☒合 格(ACC) ☐不 合 格(REJECT)
3	防　焊 SOLDER MASK	型號(Model)：N/A 顏色(Color)：綠色(Green) 印刷：☒雙面（TWO SIDES） ☐零件面（COMP SIDE） ☐焊錫面（SOLDER SIDE） ☐無防焊（NO S/M）	☒合 格(ACC) ☐不 合 格(REJECT)
4	文　字 SILKSCREEN	顏色☒零件面 Color：白色(White) ☒焊錫面 Color：白色(White) 印刷☒雙面（TWO SIDES） ☐零件面（COMP SIDE） ☐焊錫面（SOLDER SIDE） ☐無文字（NO SILKSCREEN）	☒合 格(ACC) ☐不 合 格(REJECT)
5	表面金屬 SURFACE TREATMENT	☒無鉛噴錫　(F.L.H.A.L) ☐鍍全面金（ELECTRO FLASH GOLD） ☐化學金　(IMMERSION GOLD) ☐化學金　μ"& 金手指　μ" （IMMERSION SILVER & PEELABE MASK）	☒合 格(ACC) ☐不 合 格(REJECT)
6	成型方式 FORMING	☒ CNC（MILLING） ☐ 模沖 (PUNCH) ☒ V-CUT REMAINED 0.53 +/- 0.1 MM ☐ 金手指斜邊(BEVELING OF G/F)	☒合 格(ACC) ☐不 合 格(REJECT)

工程確認

Prepared by: 廖伯窈

ZPMV2.E148298
Wiring, Printed - Component

Enhanced searching capability for this category can be found in UL's iQ Family of Databases (iq.ul.com).

Page Bottom

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

TAI MOON ELECTRONICS CO LTD E148298
1ST FL
155 SAN LUNG ST
SHULIN, TAIPEI HSIEN 238 TAIWAN

	Cond Width				Max			Max			
		Min	Cond	SS/	Area	Solder		Oper		Meets	C
	Min	Edge	Thk	DS/	Diam	Limits		Temp	Flame	UL796	T
Type	mm(in)	mm(in)	mic(mil)	DSO	mm(in)	C	sec	C	Class	DSR	I
Multilayer printed wiring boards.											
88	0.1 (0.004)	0.2 (0.008)	17 (0.67) Int:68	DS	76.2 (3.0)	260	10	130	V-0	All	-
88-1	0.20 (0.008)	0.20 (0.008)	17 (0.67) Int:68	DS	76.2 (3.0)	260	10	140	V-0	All	-
88-2	0.20 (0.008)	0.20 (0.008)	17 (0.67) Int:68	DS	76.2 (3.0)	260	10	120	V-0	All	-
Single layer printed wiring boards.											
66	0.1 (0.004)	0.18 (0.007)	16.5 (0.65)	DS	76.2 (3.0)	274	15	130	V-0	All	-

Marking: Company name or trademark , and type designation. May be followed by a suffix to denote factory identification.
Last Updated on 2011-02-25

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CERTIFICATE

特此授予:

台盟電子股份有限公司

238026台灣新北市樹林區三龍街155號及202號

管理體系符合

ISO 9001:2015

驗證範圍

單面、雙面及多層印刷電路板之製造

證書編號: ARES/TW/I2206024Q
證書簽發日期: 2022-06-09
證書有效日期: 2025-06-08

每次監督審核時間與上次現場審核時間間隔不得超過12個月，且必須取得ARES簽發的監督審核通過證明以確保證書有效性。

IAS ACCREDITED Management Systems Certification Body ACC NO. MSCB - 171

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

批准:

Chiou Jiuwen

ARES International Certification Co., Ltd.
No.12-2, Ln. 187, Wenping Rd., Anping Dist., Tainan City 708, Taiwan
TEL / 06-295 9696 (Rep. Line) FAX / 06-295 9667
www.ares-registration.com

CERTIFICATE

特此授予:

台盟電子股份有限公司

238026台灣新北市樹林區三龍街155號及202號

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www.ares-registration.com

Indian Register Quality Systems

(A Division of IRCLASS Systems and Solutions Private Limited)

CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of

Organisation:	**Tai Moon Electronics Co., Ltd.**
Main Manufacturing Site Address:	**No. 155, San Lung St., Shu Lin Dist. New Taipei City, 23866 Taiwan (R.O.C)**
IATF USI Code:	**GP45L4 (Main Site)**
Extended Manufacturing Site Address:	**No. 202, San Lung St., Shu Lin Dist. New Taipei City, 23866 Taiwan (R.O.C)**
IATF USI Code:	**66C4WX (Extended Site)**

having been audited in accordance with the "Rules for Achieving and Maintaining IATF Recognition 5th Edition"

Standard Certified:	**IATF 16949:2016 (1st Edition 1st Oct-2016) [Exclusions : Product Design Input and Output (8.3.3.1 & 8.3.5.1)]**
Scope:	**The Manufacture of Double and Multilayer Printed Circuit Board**
IATF Certificate No.:	**0474350**

Certificate No.: IRQS/230500327 granted on:15th May 2023

Current Issue Date: 15/05/2023 **Valid Till Date: 14/05/2026**

Indian Register Quality Systems

Shashi Nath Mishra

Head IRQS

This approval is subject to continued satisfactory maintenance of the Quality Management Systems of the organization to the above standard which will be monitored by IRQS. Condition Overleaf COA/IRQS/IATF/Rev 01

Head Office: 52A, Adi Shankaracharya Marg, Opp.Powai Lake, Powai, Mumbai - 400 072, India.

PCB: 3PD505D060B (2 LAYERS)

SUPPLIER: TAI MOON

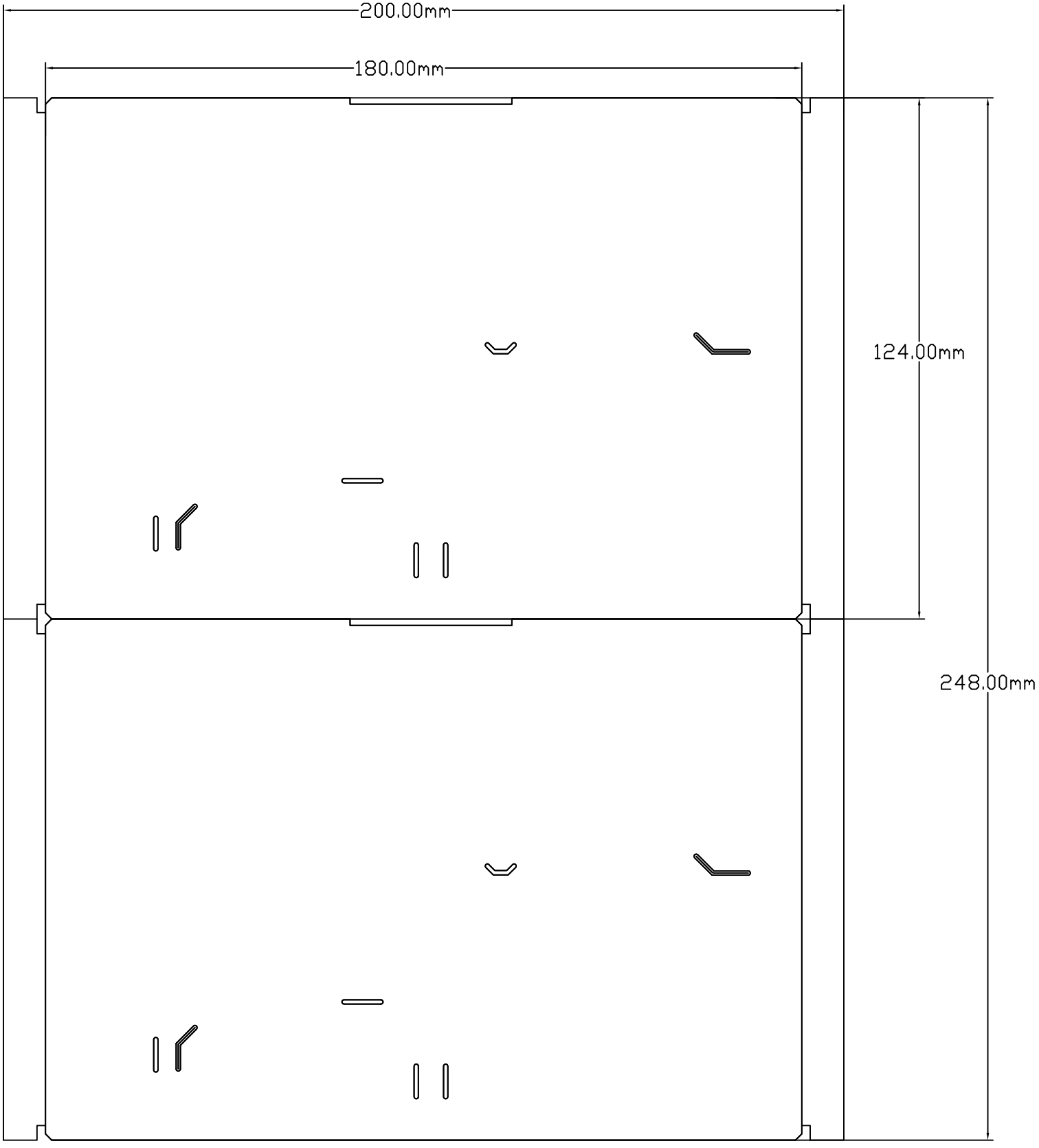
PANEL SIZE: 200.00X 248.00 (1PNL= 2 PCS)

PCS SIZE: 180.00 X 124.00

TOLERANCE: +/-0.1

UNIT: MM

DATE: 2025-05-28



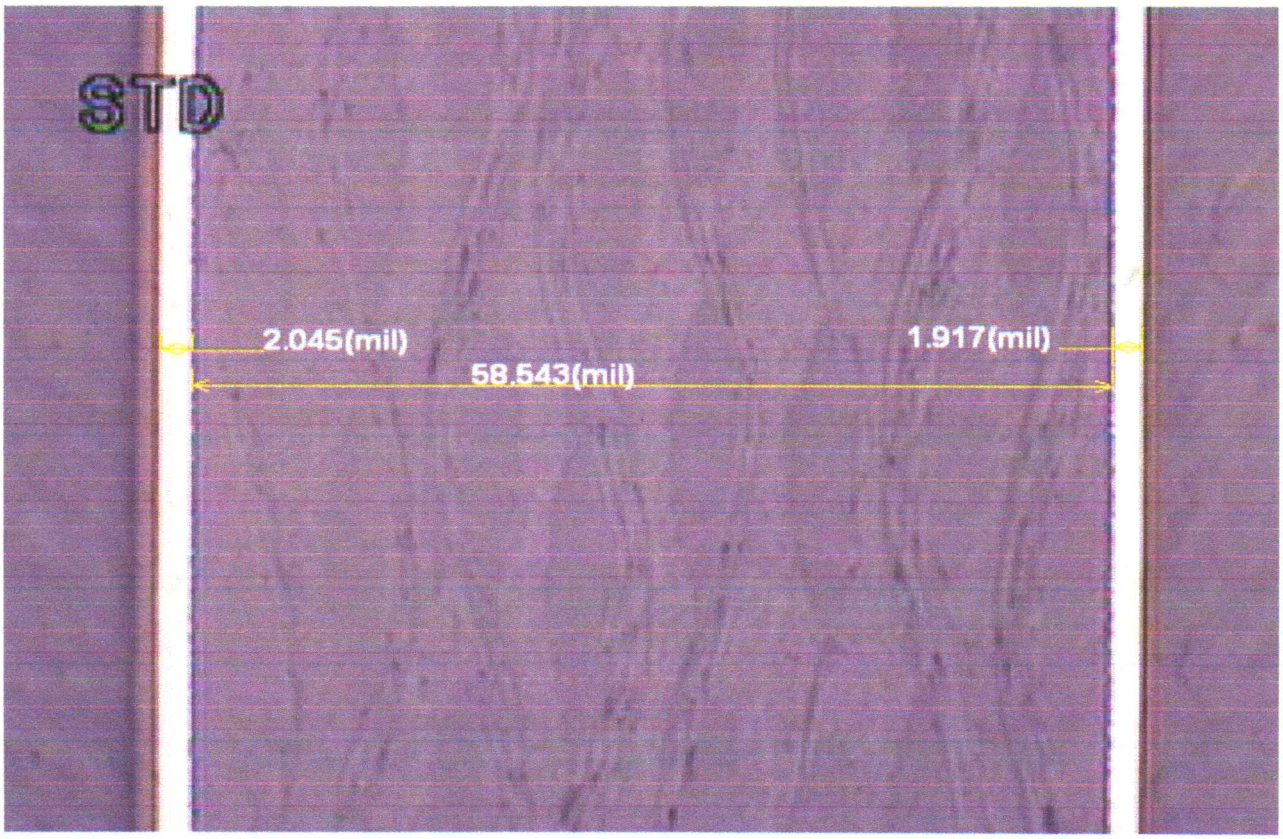
台盟電子股份有限公司 *TAI MOON* Electronics Co., Ltd.
新北市樹林區三龍街 155 號 No.155, San-Lung ST. Shu Lin City,Taipei Hsien,Taiwan
TEL:(02)2688-2199 FAX:(02)2689-8980 http://www.taimoon.com.tw service@ds01.Taimoon.com.tw

ISO 9001:2015/ 通過英國標準協會驗證機構 IAS 驗證

Microsection Inspection Report

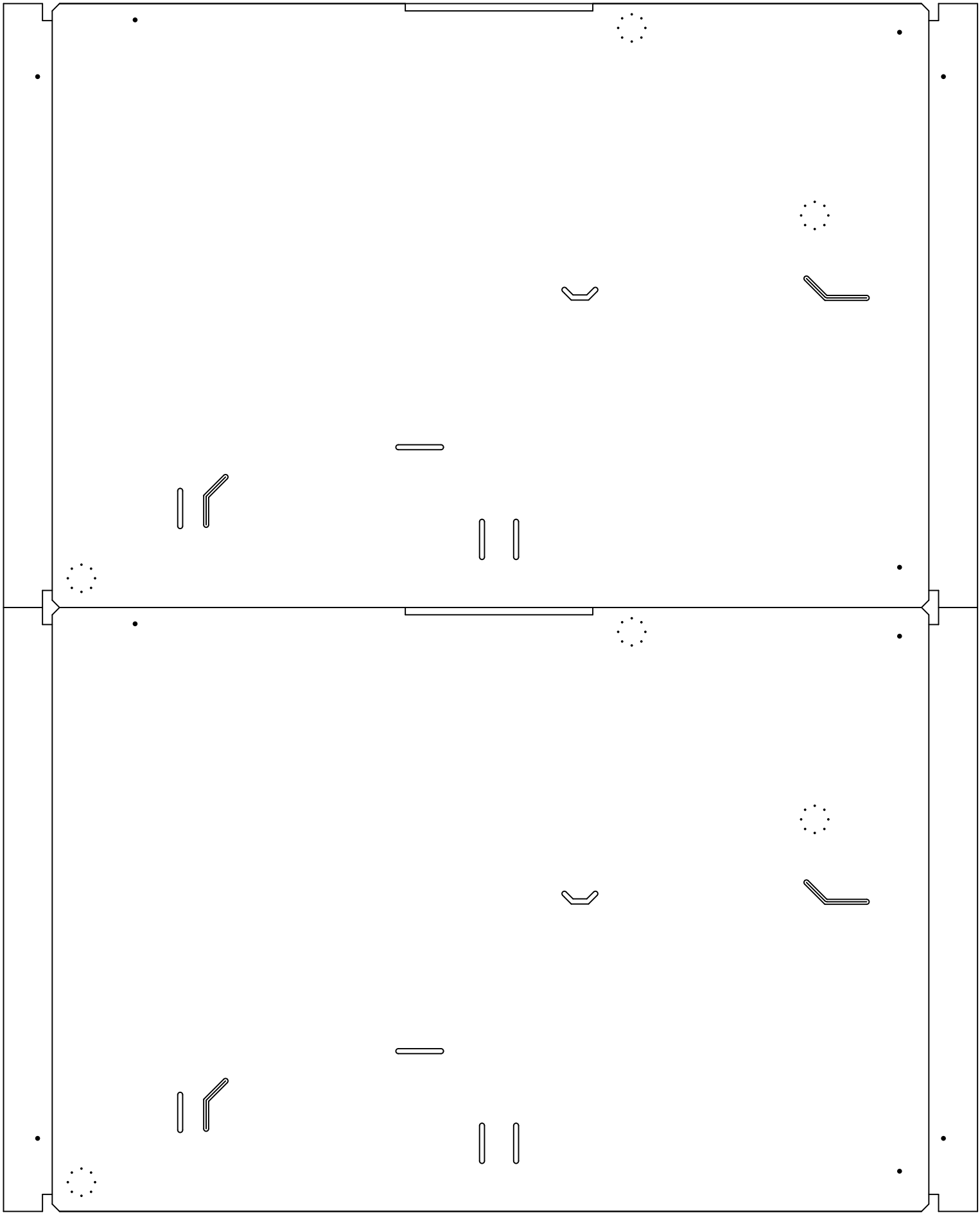
Customer: Date Code:2523

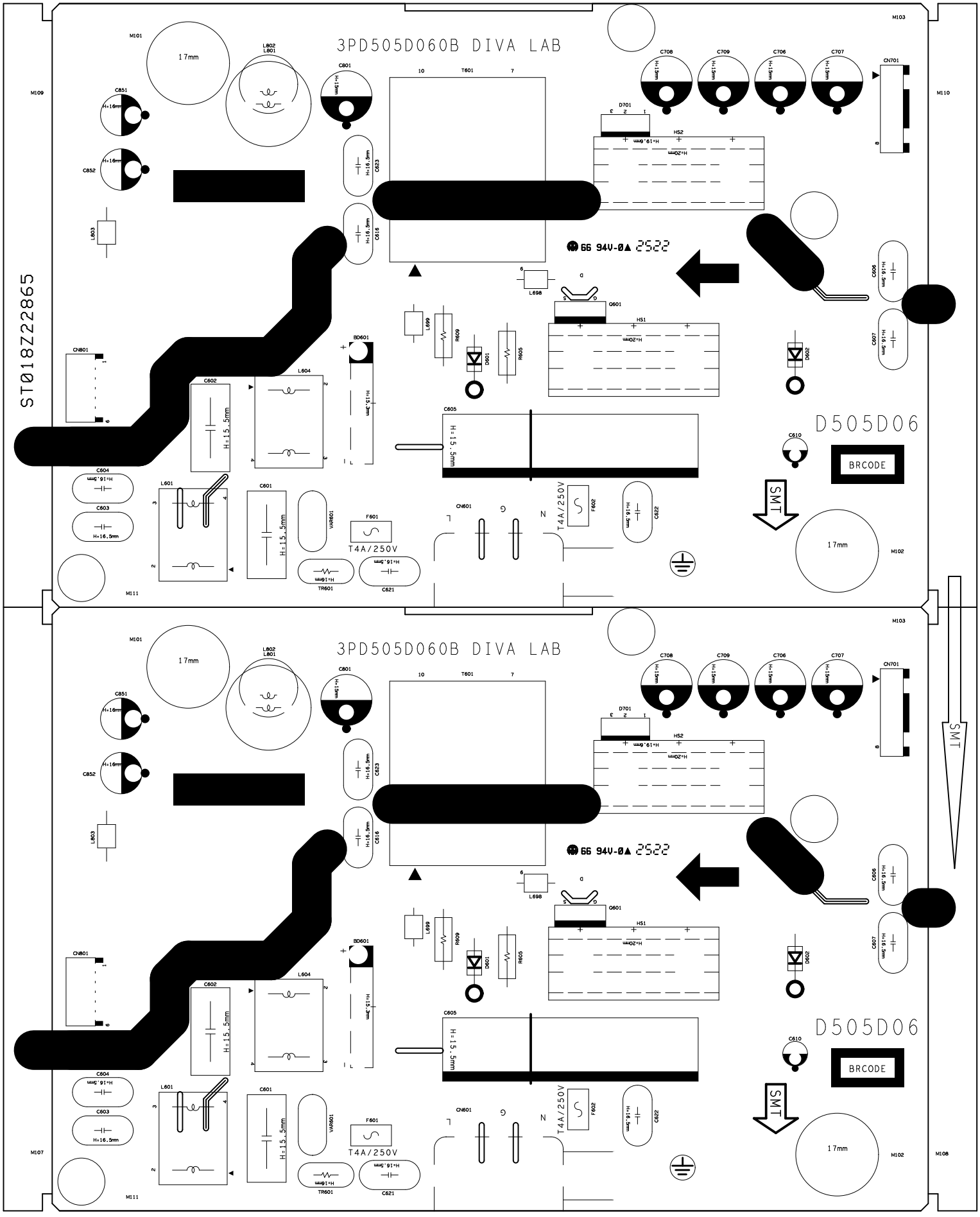
Part Number: 3PD505D060B



ST018Z22865

Approved By： Ling Inspect By： Shan




3PD505D060B DIVA LAB
D505D06
BRCODE
SMT
ST018Z22865
17mm
T4A/250V
H=15.5mm
H=16.5mm
H=19.6mm
H=20mm
H=15.3mm
H=16mm
H=16.5mm
M101
M102
M103
M107
M108
M109
M110
M111
T601
Q601
HS1
HS2
D701
CN701
CN801
CN601
BD601
L601
L602
L603
L604
L698
L699
C601
C602
C603
C604
C605
C606
C607
C608
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C610
C621
C622
C623
C616
C706
C707
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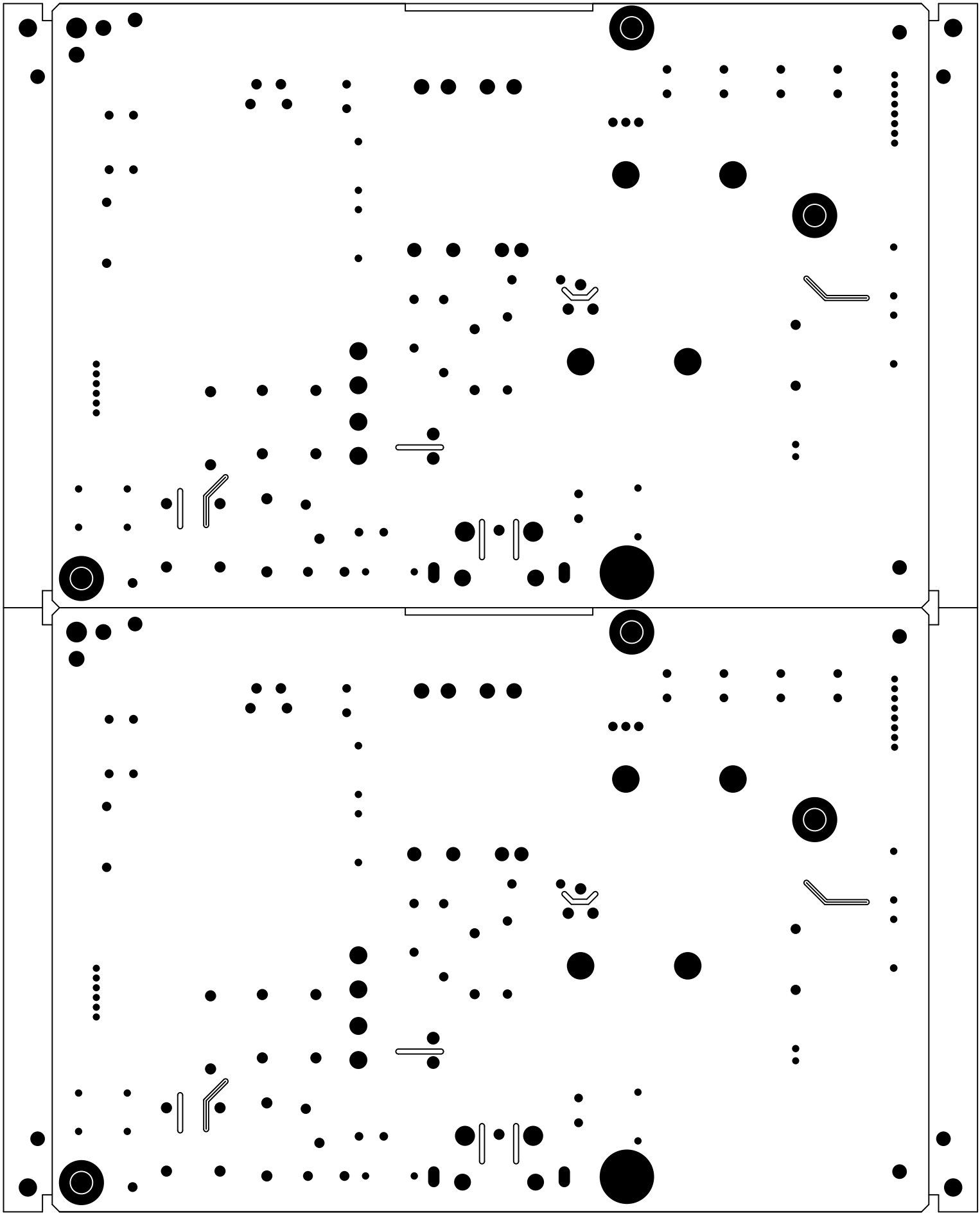
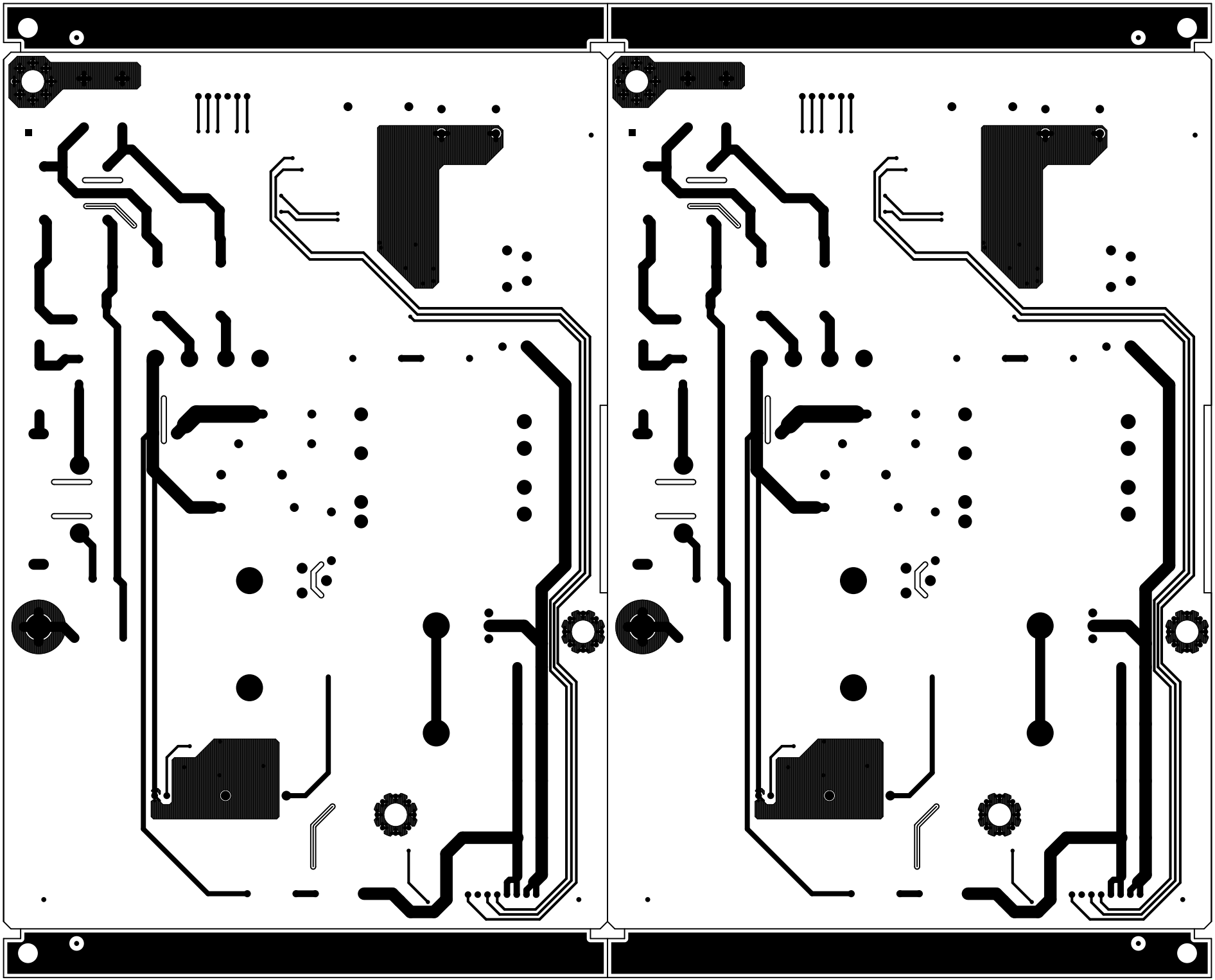
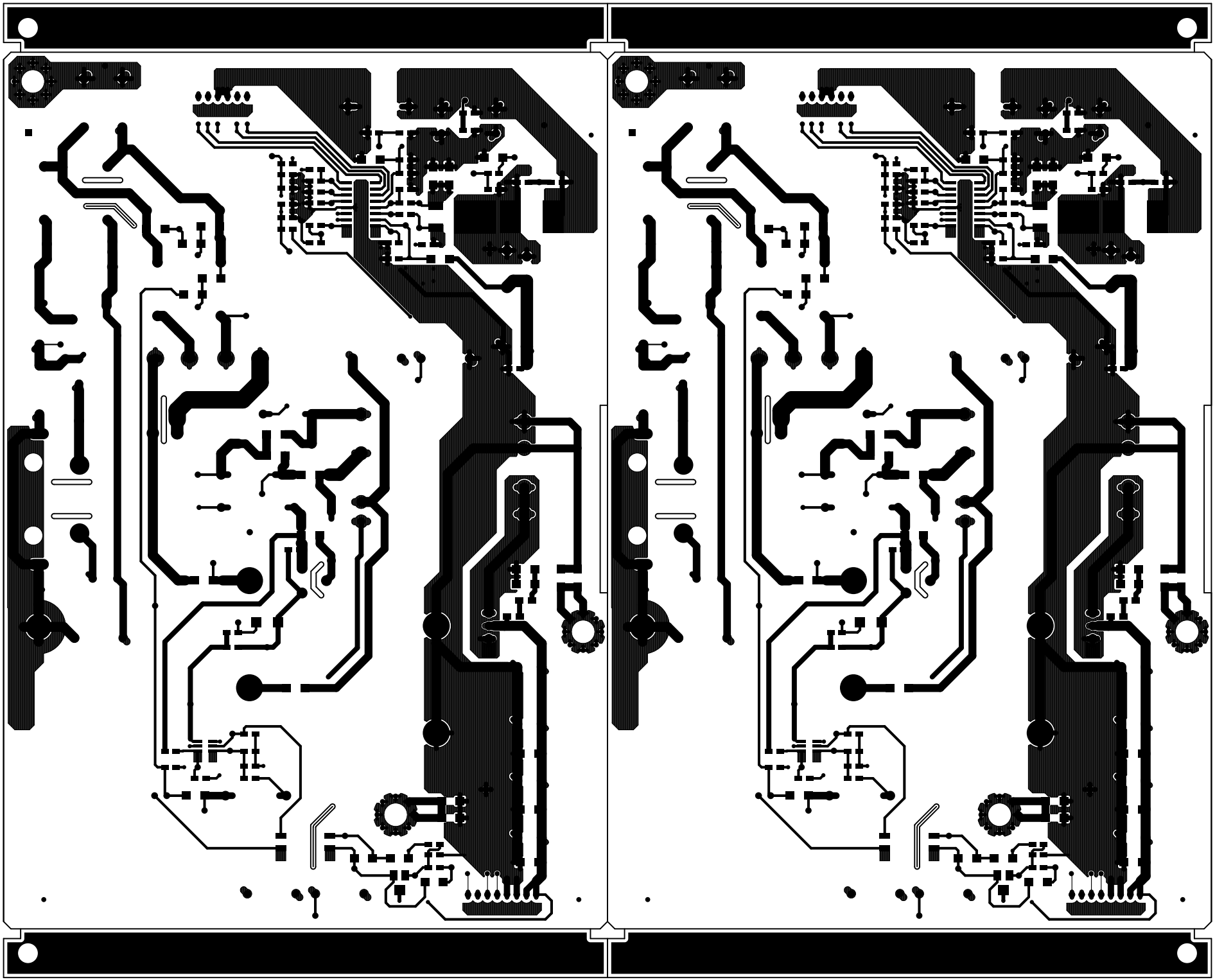
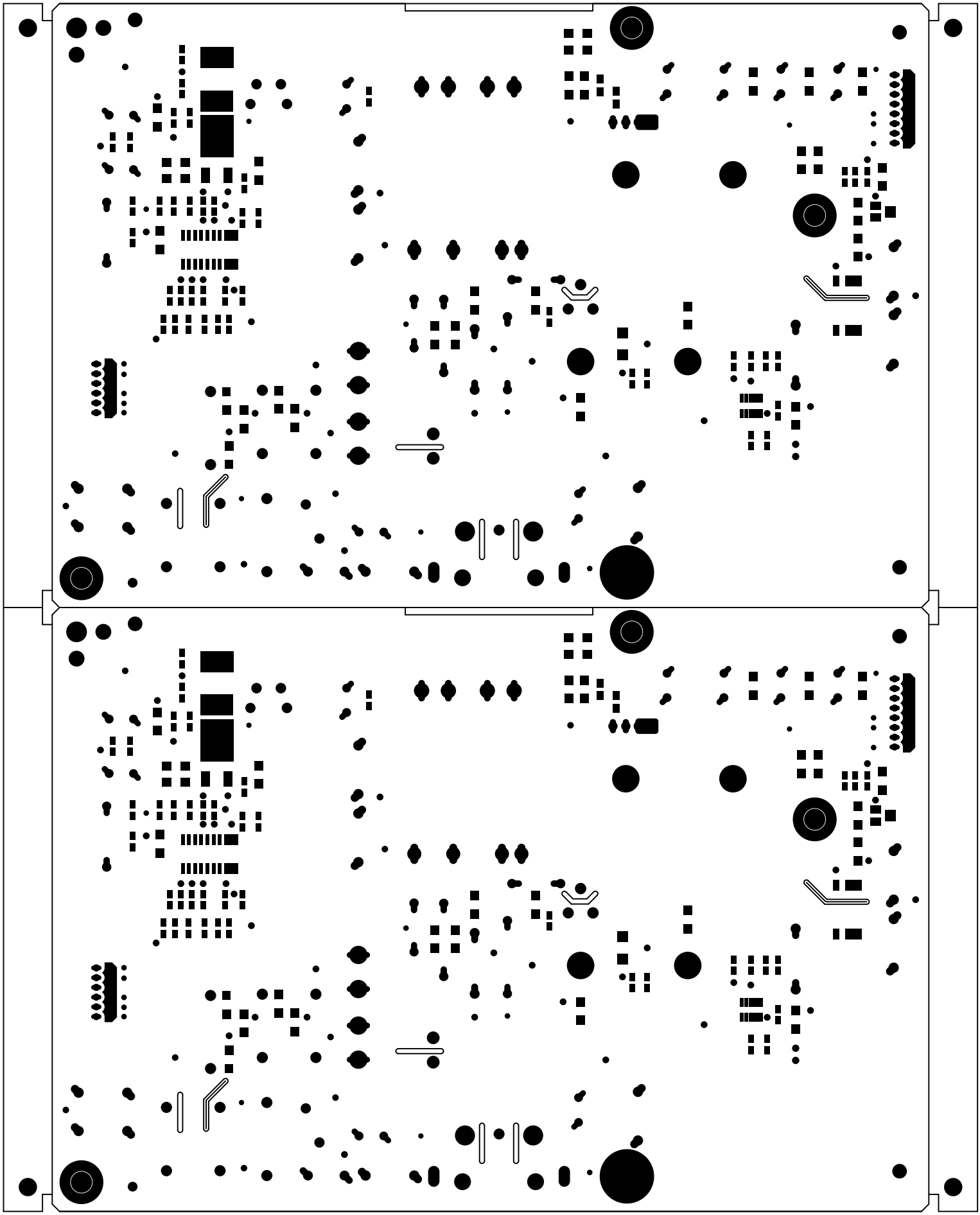
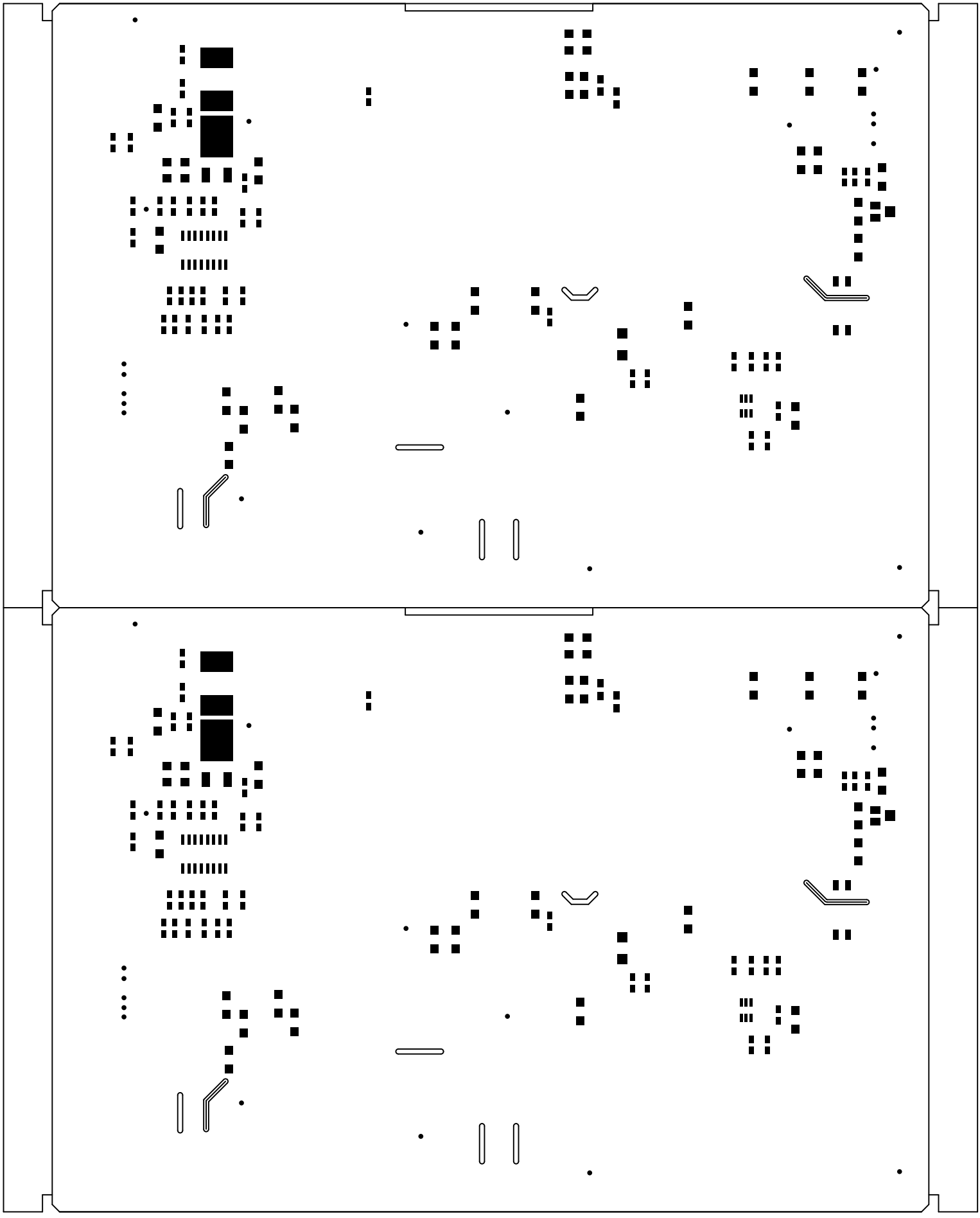
R609
TR601
VAR601
66 94V-0▲ 2522

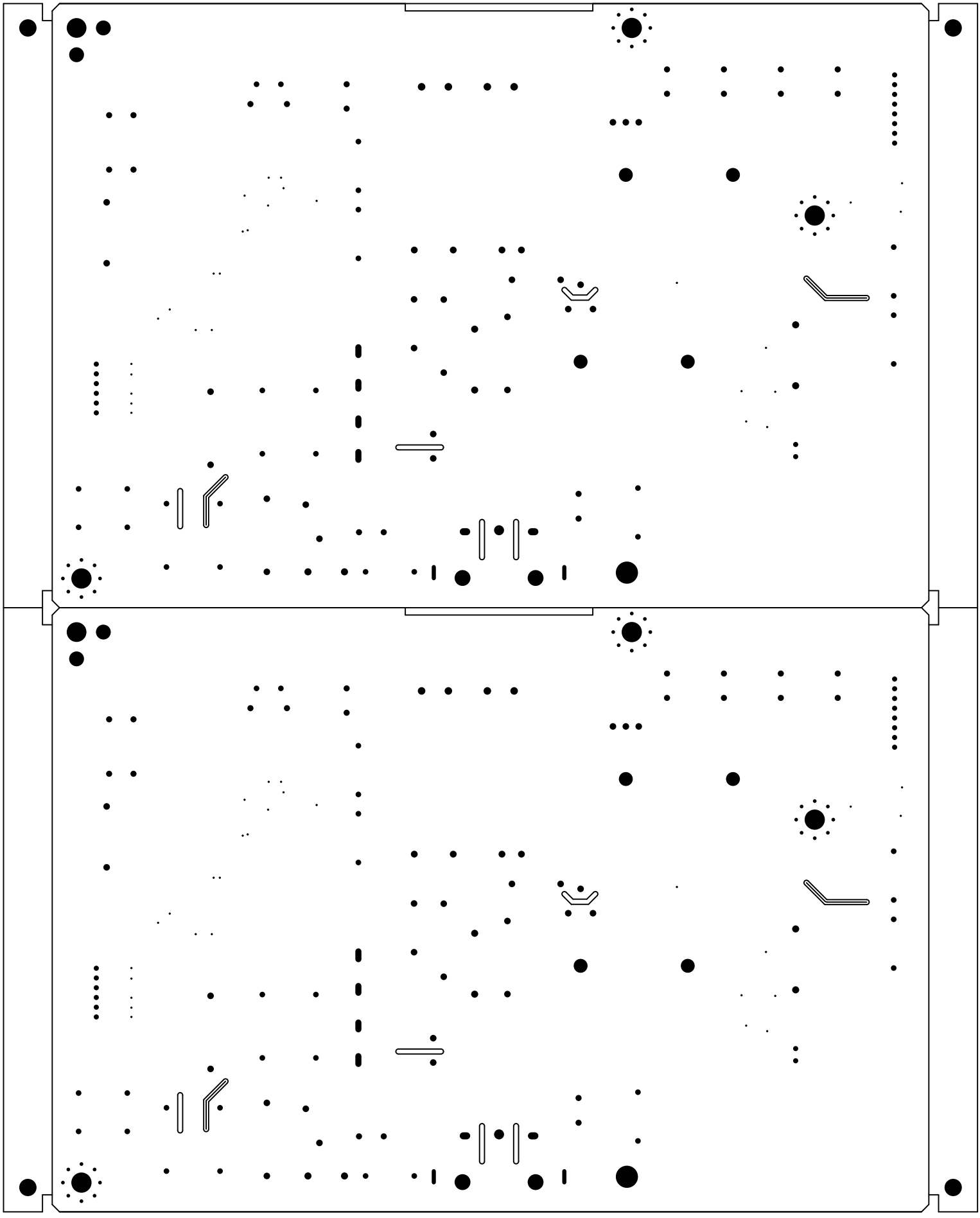


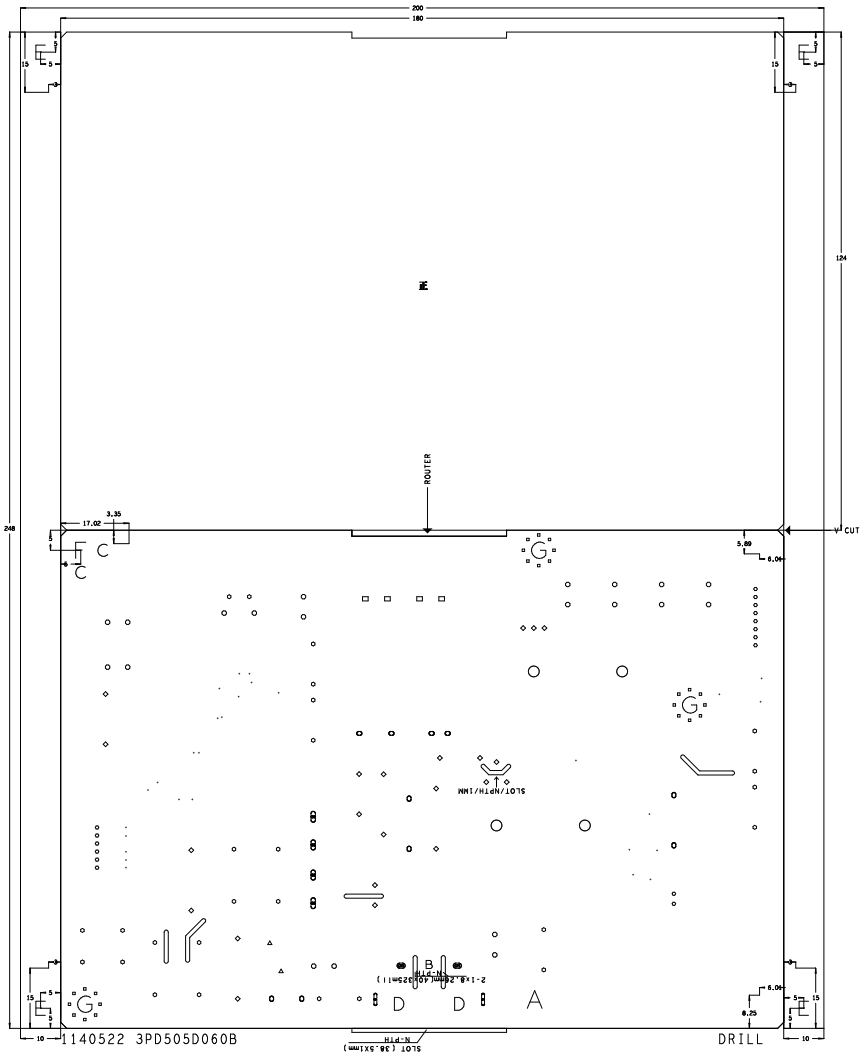












DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	FINISHED_SIZE	ROTATION	PLATED	QTY
·	16.0	-	PLATED	28
▫	24.0	-	PLATED	24
◦	35.0	-	PLATED	16
◦	39.0	-	PLATED	26
○	43.0	-	PLATED	20
◇	47.0	-	PLATED	22
△	47.24	-	PLATED	2
▫	50.0	-	PLATED	4
○	51.0	-	PLATED	6
▫	55.0	-	PLATED	4
O	106.0	-	PLATED	4
A	173.23	-	PLATED	1
B	79.0	-	NON-PLATED	1
C	118.0	-	NON-PLATED	2
D	126.0	-	NON-PLATED	2
E	138.0	-	NON-PLATED	4
F	157.48	-	NON-PLATED	1
G	161.0	-	NON-PLATED	3
⬬	79.0x51.0	0.000	PLATED	2
▯	98.0x43.0	90.000	PLATED	2
▯	106.0x43.0	90.000	PLATED	2
▯	118.0x28.0	90.000	PLATED	2

Printing information

Layer:NCDRILL_LEGEND	Part No.:4H.LXXXX.XXX	
Filename:QDII PW BOARD	Date:22-05-25	Rev.:0
Model No.:LED DRIVER BD	Sheet 7 of X	
Doc. No.: 9J.64765.000-030-305-003		

Layer	Side
L1	Top
L2	Bottom
L3	XXXX
L4	XXXX
L5	XXXX
L6	XXXX
L7	XXXX
L8	XXXX
L9	XXXX
L10	XXXX

CTI value:XXXXXX	Tg:Normal TG	
Material(LAM)	FR-4	
Thickness	1.6 mm	
PCS(W*L)	180 X 124 mm	
PNL(W*L)	200 X 248 mm+-0.127mm	
PCB Utility Rate	XX.XX %	
Impedance control	XXX ohm	
Surface Finishes	ENIG	
PCS/PNL	2 / 1	
V-Cut: x1	Router: xX	
SXX Printing	Top White	Bottom White
AXX Printing	Top White	Bottom White
JR Q'ty	JRxx/xxx	
JW Q'ty	JWxx/xxx	
Other	N/A	