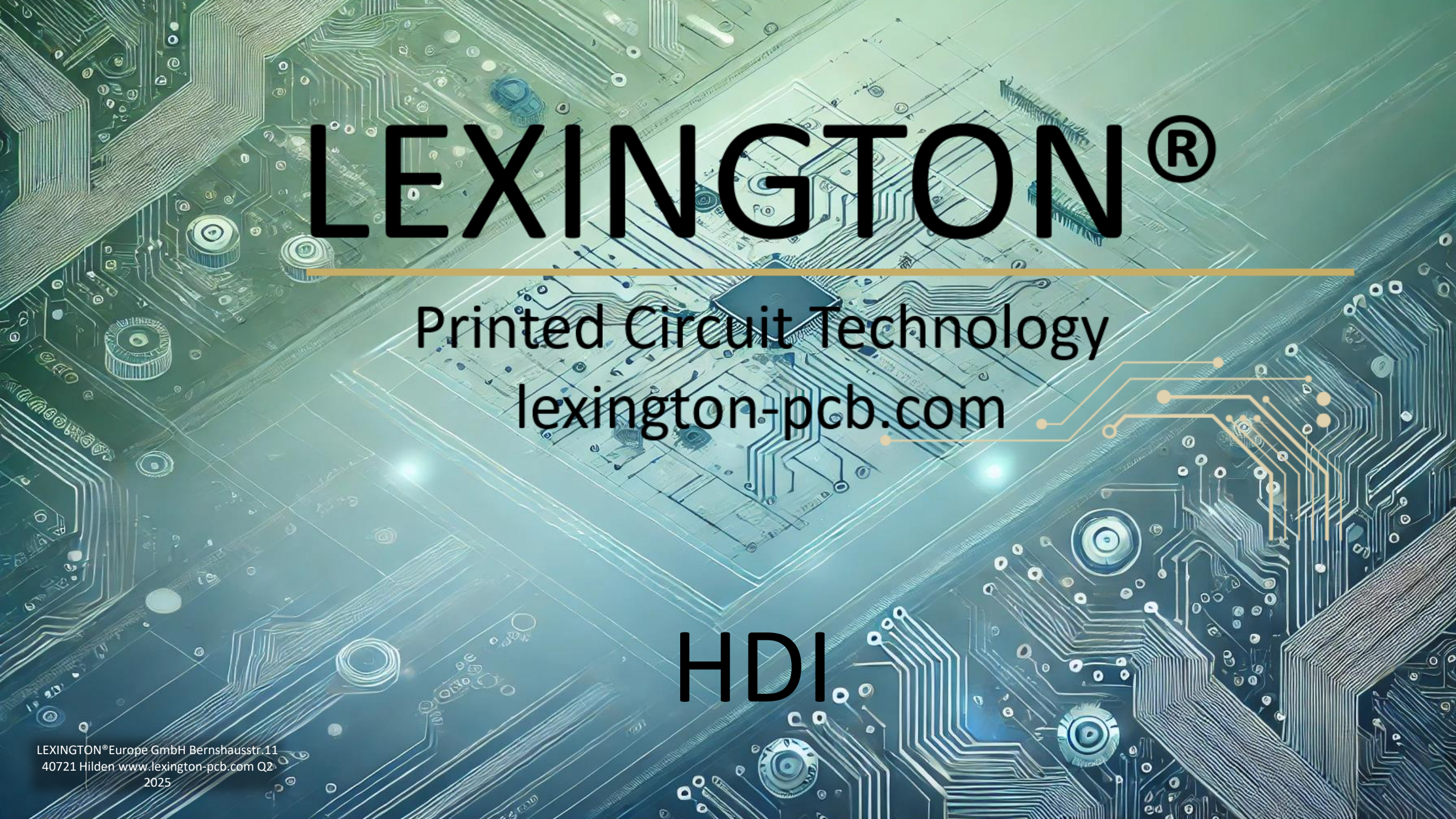


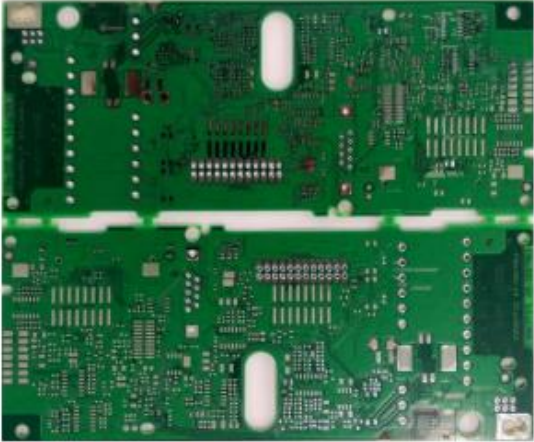


LEXINGTON®

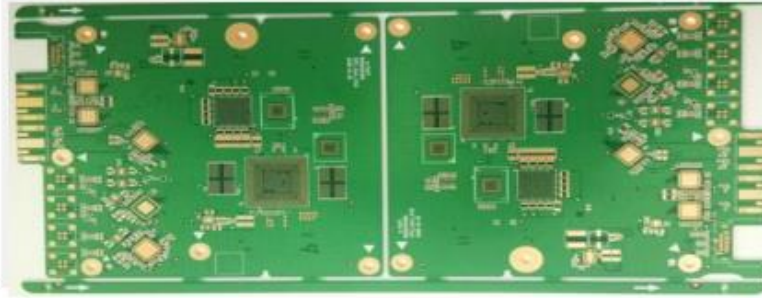
Printed Circuit Technology
lexington-pcb.com

HDI

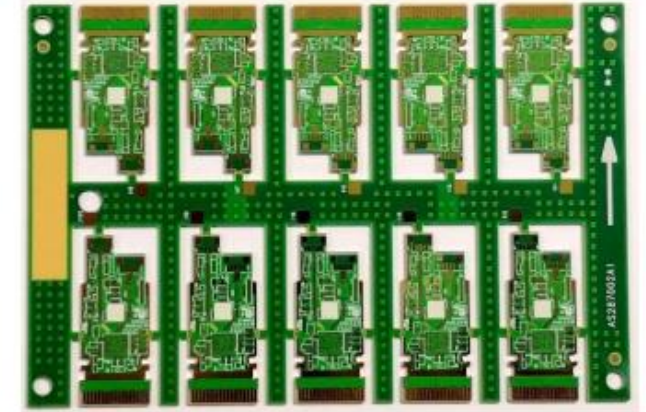
6layer 1 step



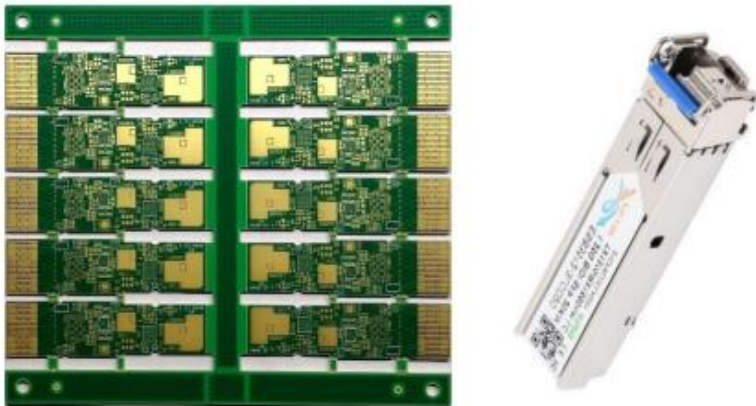
Automotive 8layer 2step HDI



200G 10LAYER 3STEP HDI



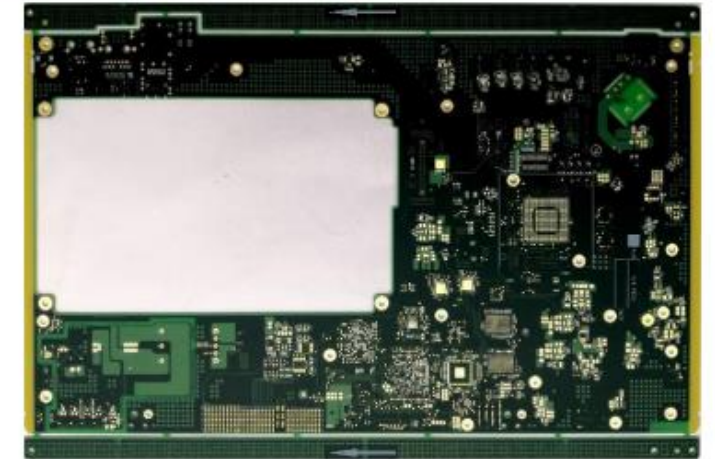
400G/10LAYER/2STEP HDI



Server/14layer/2step HDI

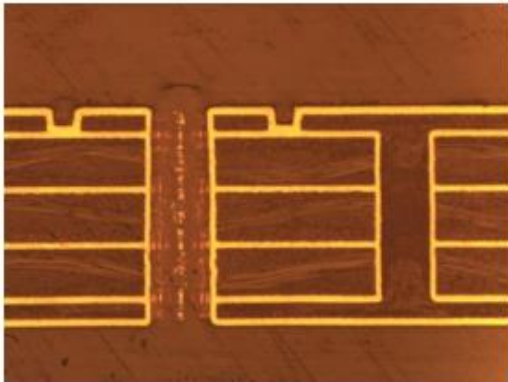


16LAYER/2step HDI

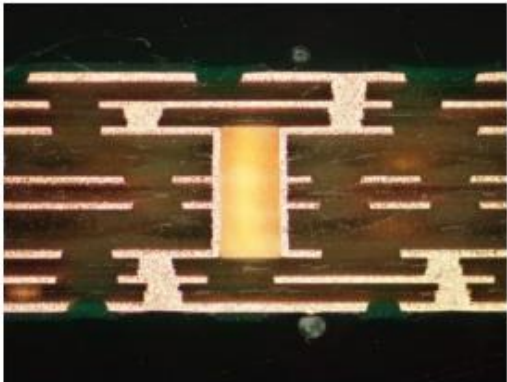


HDI CAPACITY

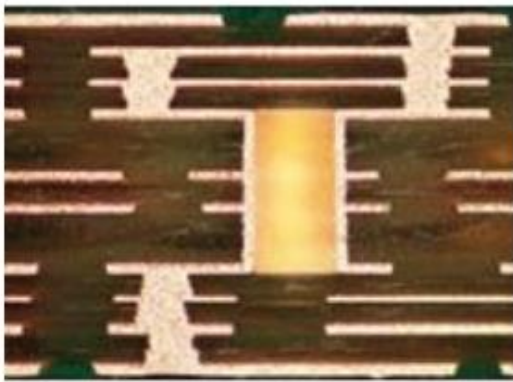
类别	目前能力	2021	2022
HDI	1阶量产 1STEP	2阶、3阶量产 2,3STEP	Anylayer 开发中 ANYLAYER
TRACES WIDTH/SPACES	75um/75um	75um/75um	65um/75um
THROUGH HOLES SIZE	0.2~6.5mm	0.15~6.5mm	0.15~6.5mm
BLIND HOLES SIZE	100~200um	100~200um	75~200um
FINISH BOARD THICKNESS	0.5~2.4	0.45~2.8mm	0.4~3.2mm



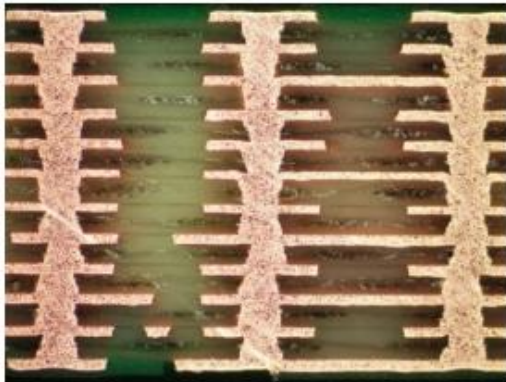
1阶HDI



2阶HDI

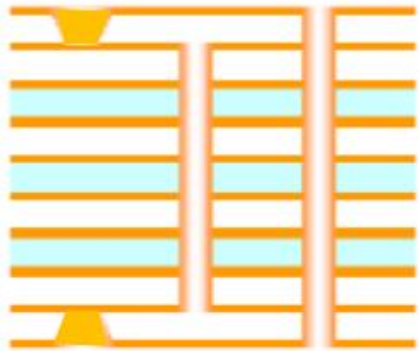
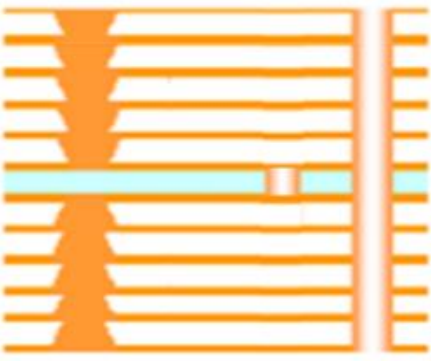


3阶HDI



Anylayer

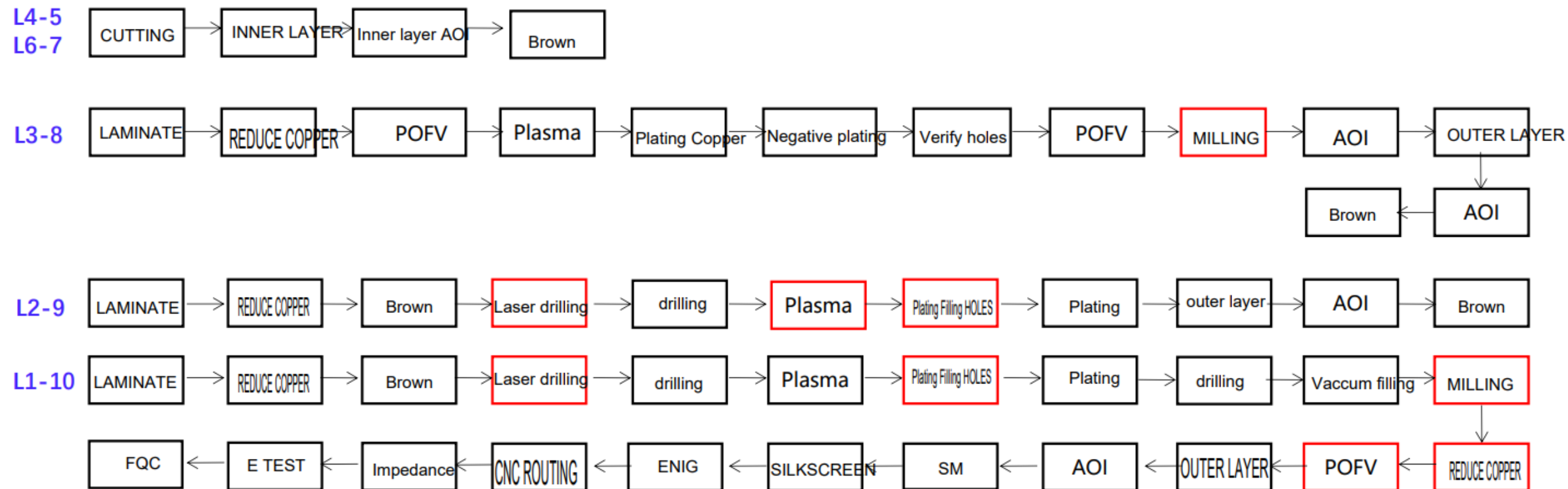
HDI stack up

1+N+1	2+N+2	3+N+3
		
4+N+4	5+N+5	任意层互连 (Max 12L)
		

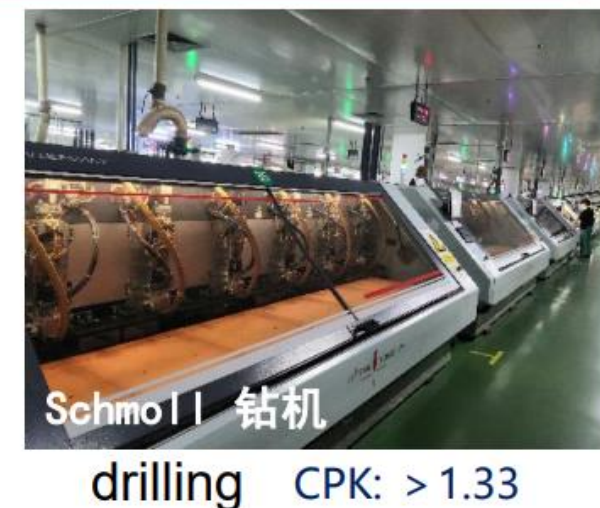
HDI

FLOW CHART

FOX EXAMPLE: 2STEP HDI FLOW CHART

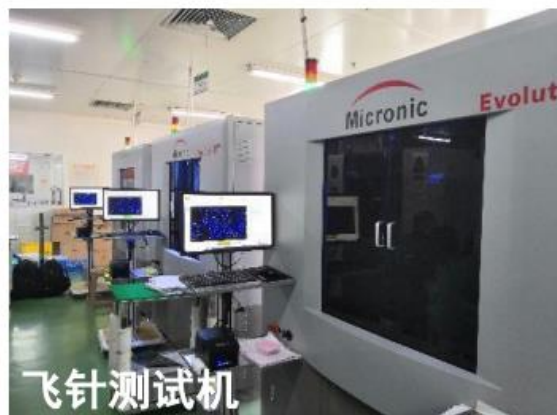


DRILLING AND PLATING



VCP: VERTICAL CONTINUE PLATING

Test Equipment



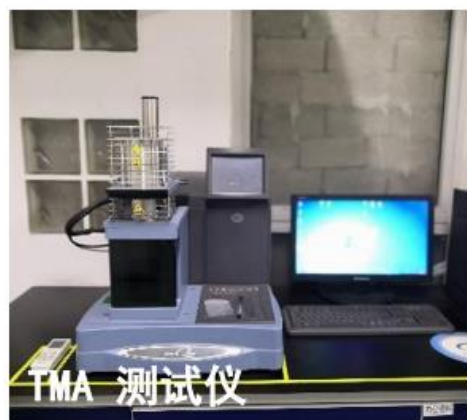
飞针测试机
Flying probe Test



小板 AVI 外观检查
AVI



电子显微镜



TMA 测试仪

TMA TEST



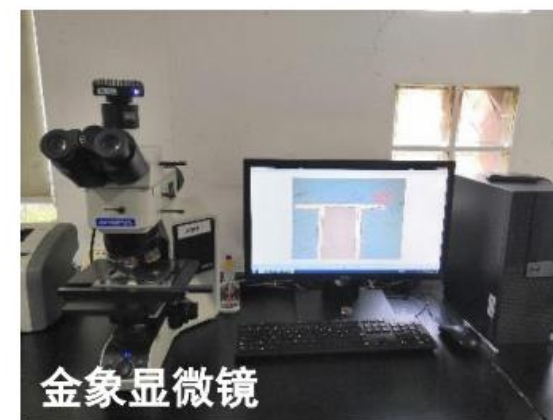
冷热冲击箱

THERMAL STRESS



回流焊 IR 炉

REFLOW



金象显微镜

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