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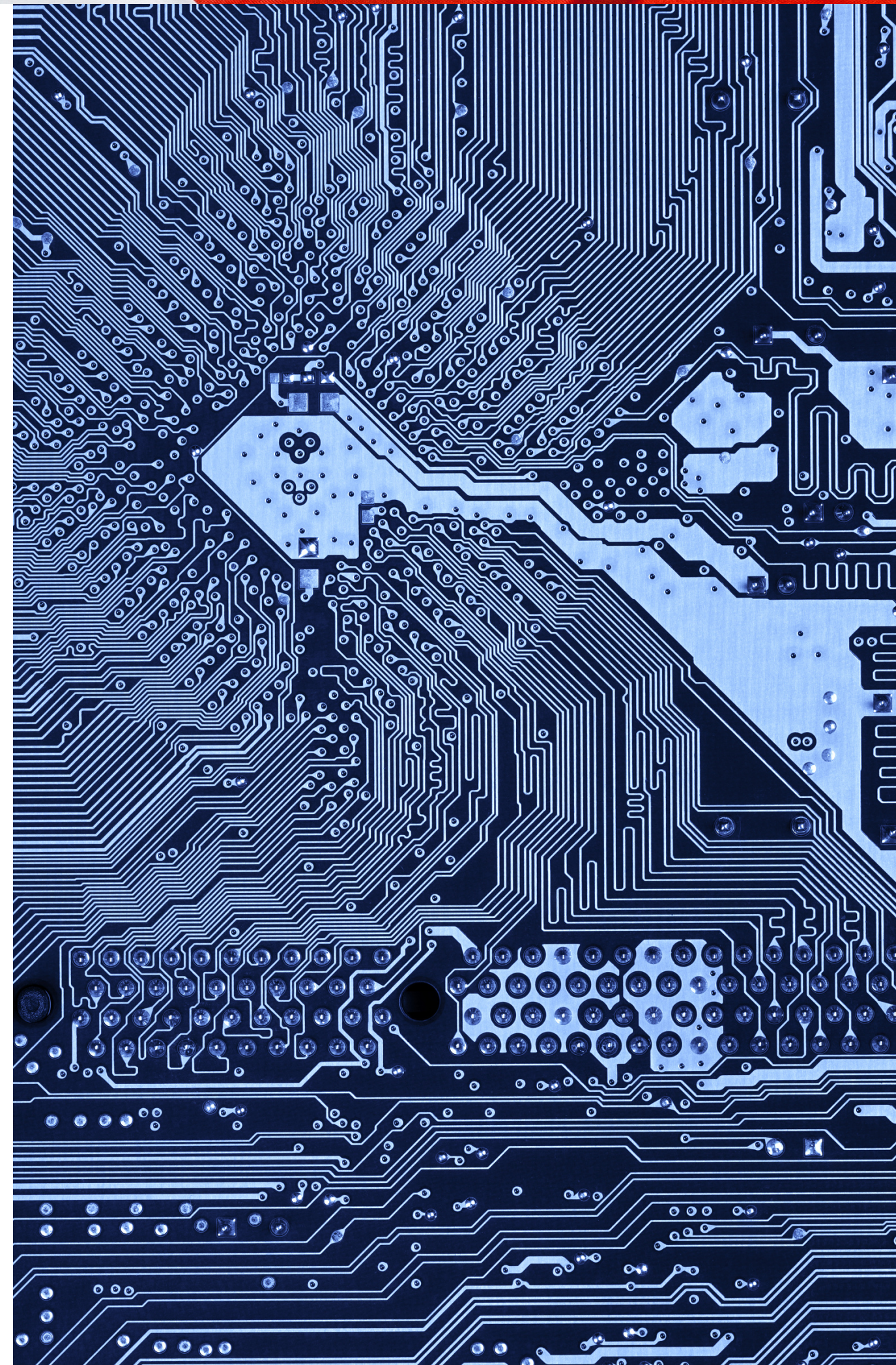
"Talent wins games, but teamwork and intelligence wins championships."

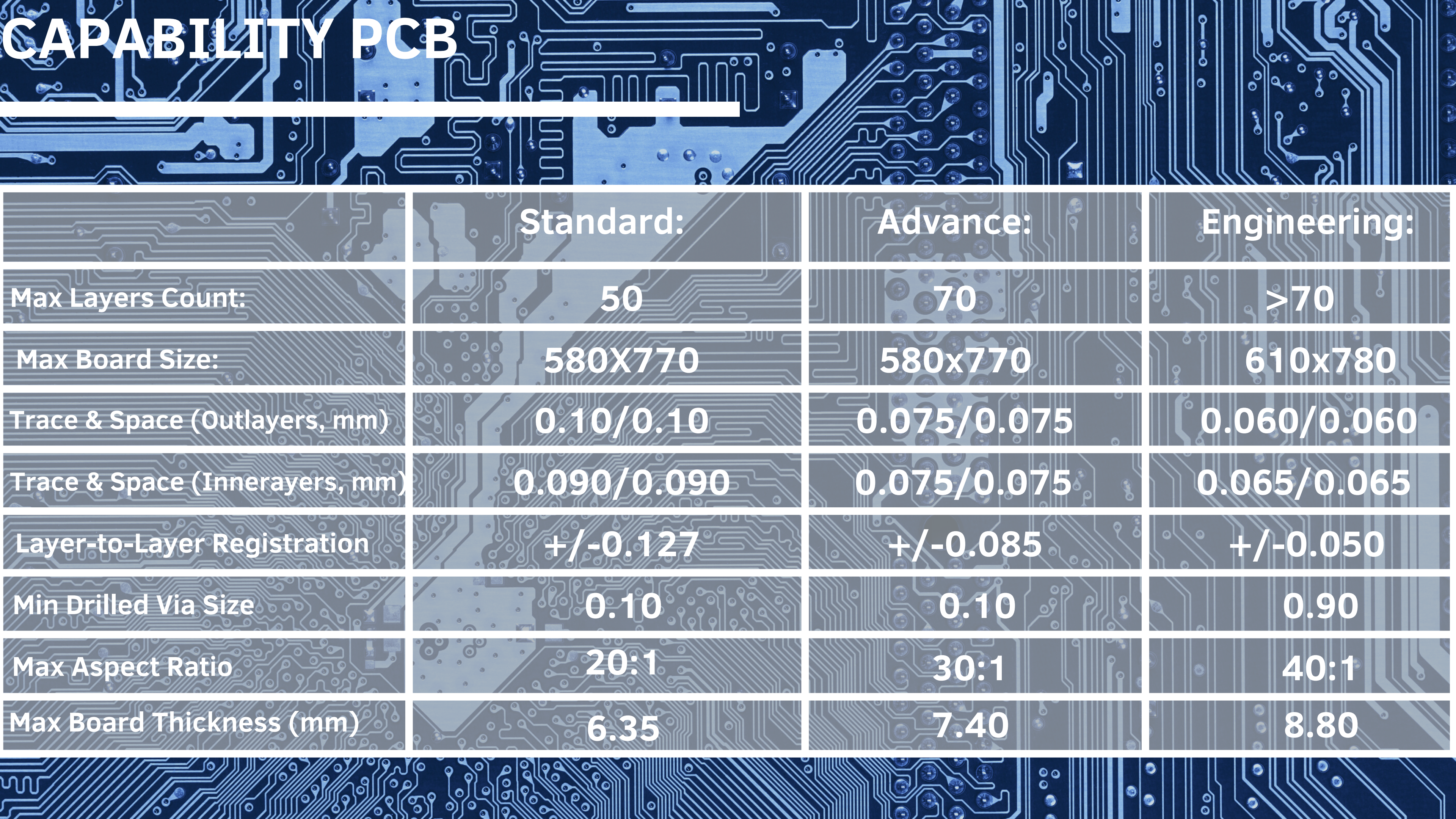
Cit. Michael Jordan

40th
ANNIVERSARIO
1979 - 2019



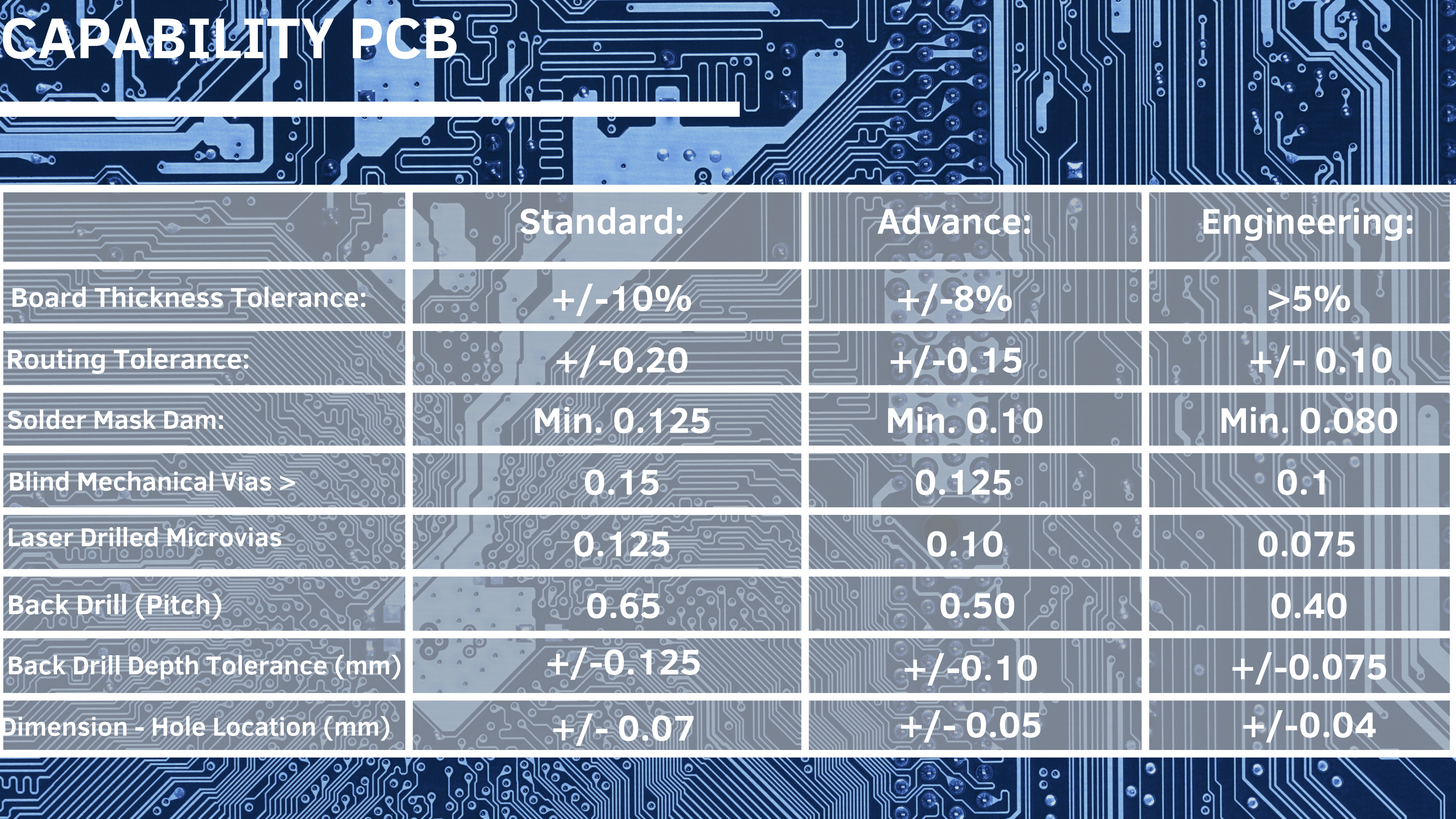
esseti
CIRCUITI STAMPATI





CAPABILITY PCB

	Standard:	Advance:	Engineering:
Max Layers Count:	50	70	>70
Max Board Size:	580X770	580x770	610x780
Trace & Space (Outlayers, mm)	0.10/0.10	0.075/0.075	0.060/0.060
Trace & Space (Innerayers, mm)	0.090/0.090	0.075/0.075	0.065/0.065
Layer-to-Layer Registration	+/-0.127	+/-0.085	+/-0.050
Min Drilled Via Size	0.10	0.10	0.90
Max Aspect Ratio	20:1	30:1	40:1
Max Board Thickness (mm)	6.35	7.40	8.80

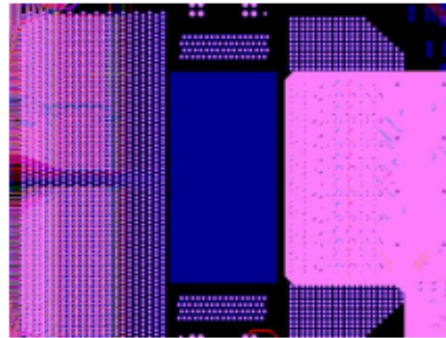
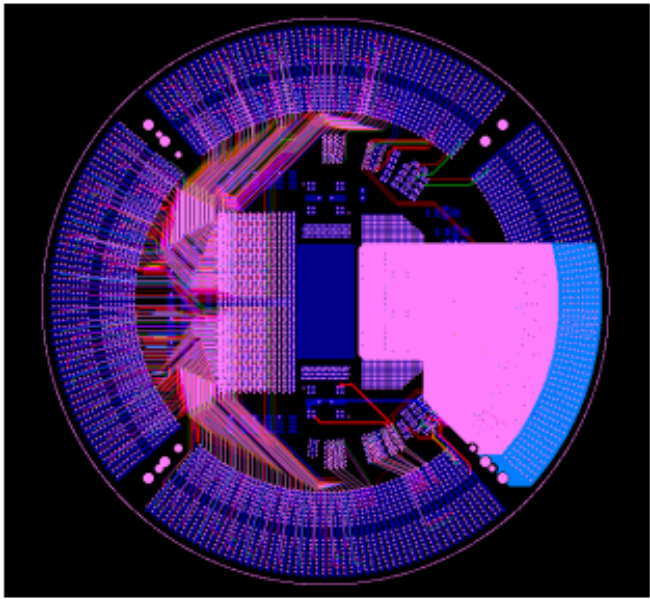


CAPABILITY PCB

	Standard:	Advance:	Engineering:
Board Thickness Tolerance:	+/-10%	+/-8%	>5%
Routing Tolerance:	+/-0.20	+/-0.15	+/- 0.10
Solder Mask Dam:	Min. 0.125	Min. 0.10	Min. 0.080
Blind Mechanical Vias >	0.15	0.125	0.1
Laser Drilled Microvias	0.125	0.10	0.075
Back Drill (Pitch)	0.65	0.50	0.40
Back Drill Depth Tolerance (mm)	+/-0.125	+/-0.10	+/-0.075
Dimension - Hole Location (mm)	+/- 0.07	+/- 0.05	+/-0.04

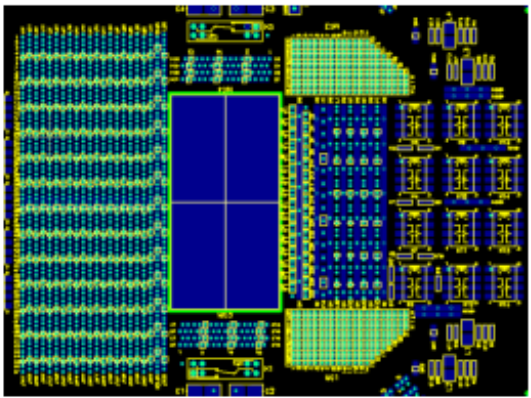
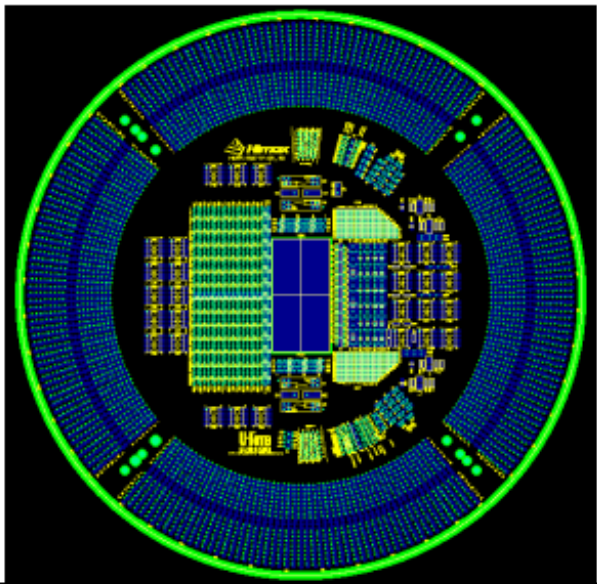
CAPABILITY PCB

	Standard:	Advance:	Engineering:
Impedance Control (Outer)	$\pm 10\%$	$\pm 8\%$	$\pm 7\%$
Impedance Control (Inner)	$\pm 10\%$	$\pm 5\%$	$\pm 4\%$
Tolerance - Plated Hole Size	± 0.05	± 0.04	± 0.04
Base Material	ISOLA - ARLON/ROGERS - NELCO - SHENGYI - ITEQ - TACONIC		



Min hole SIZE:
0.4Ø
Hole total:
4241 EA

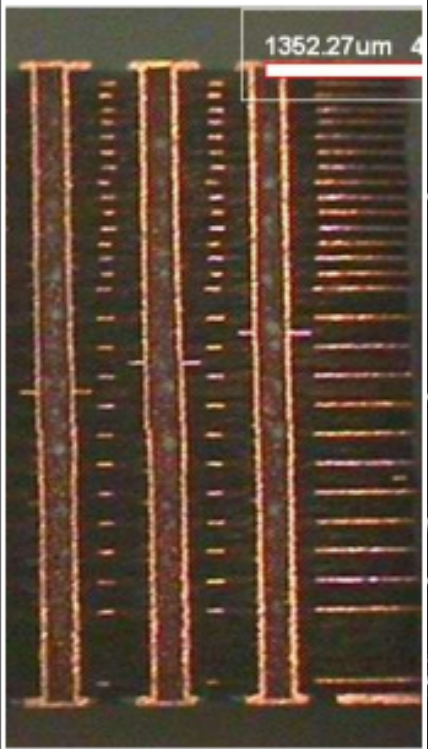
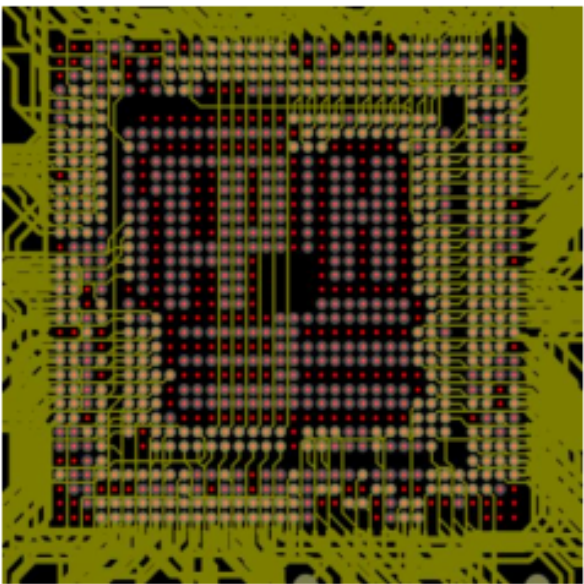
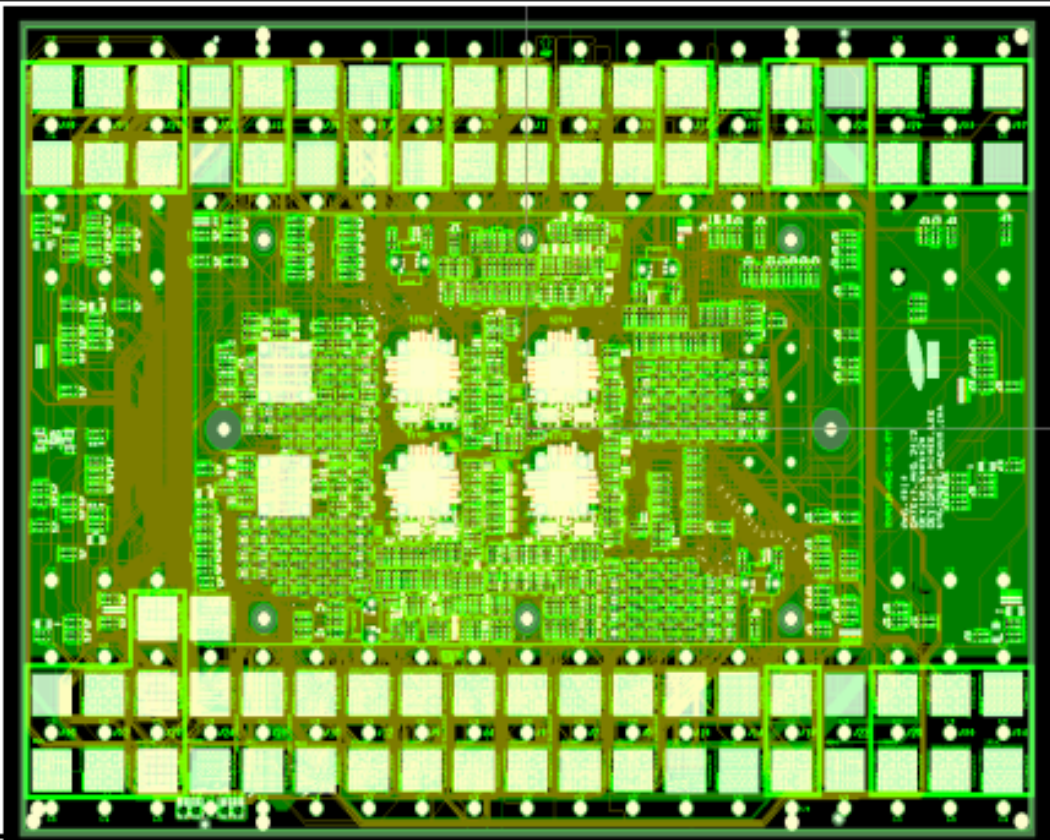
Thickness:6.35T Layers:20L Material:FR-5 Size:279.4Ø



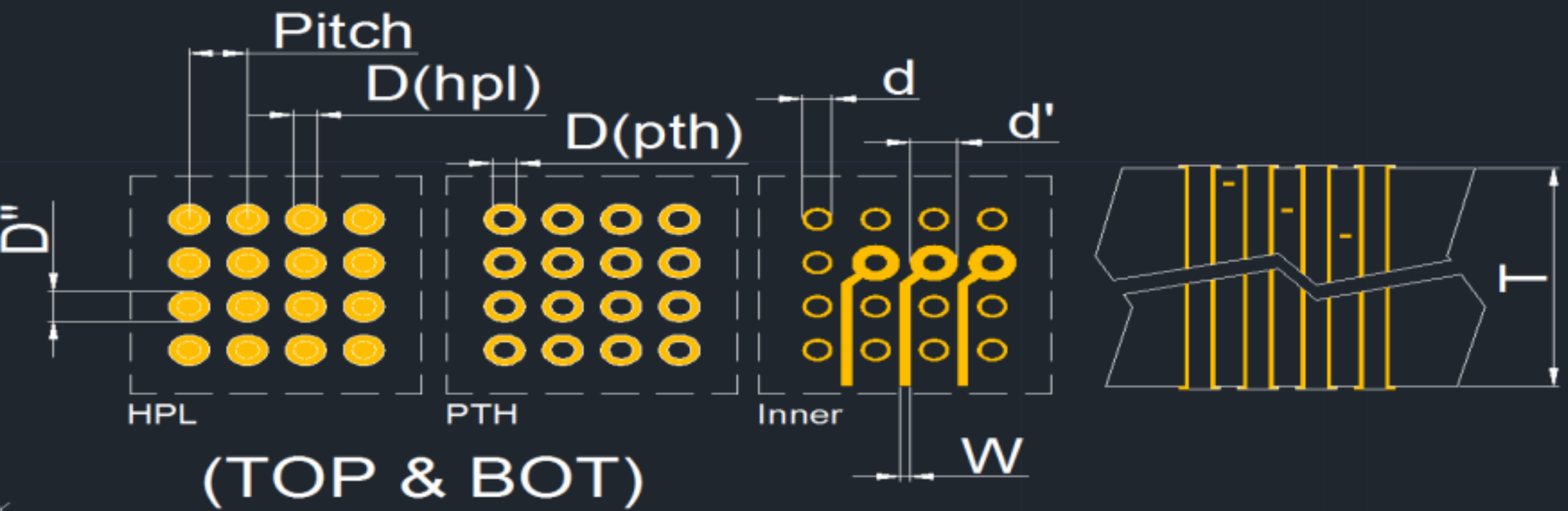
Min hole SIZE:
0.45Ø
Hole
total: 6356 EA

TOP CS / HP

Thickness:6.35T Layers:28L Material:FR-5 Size:300Ø



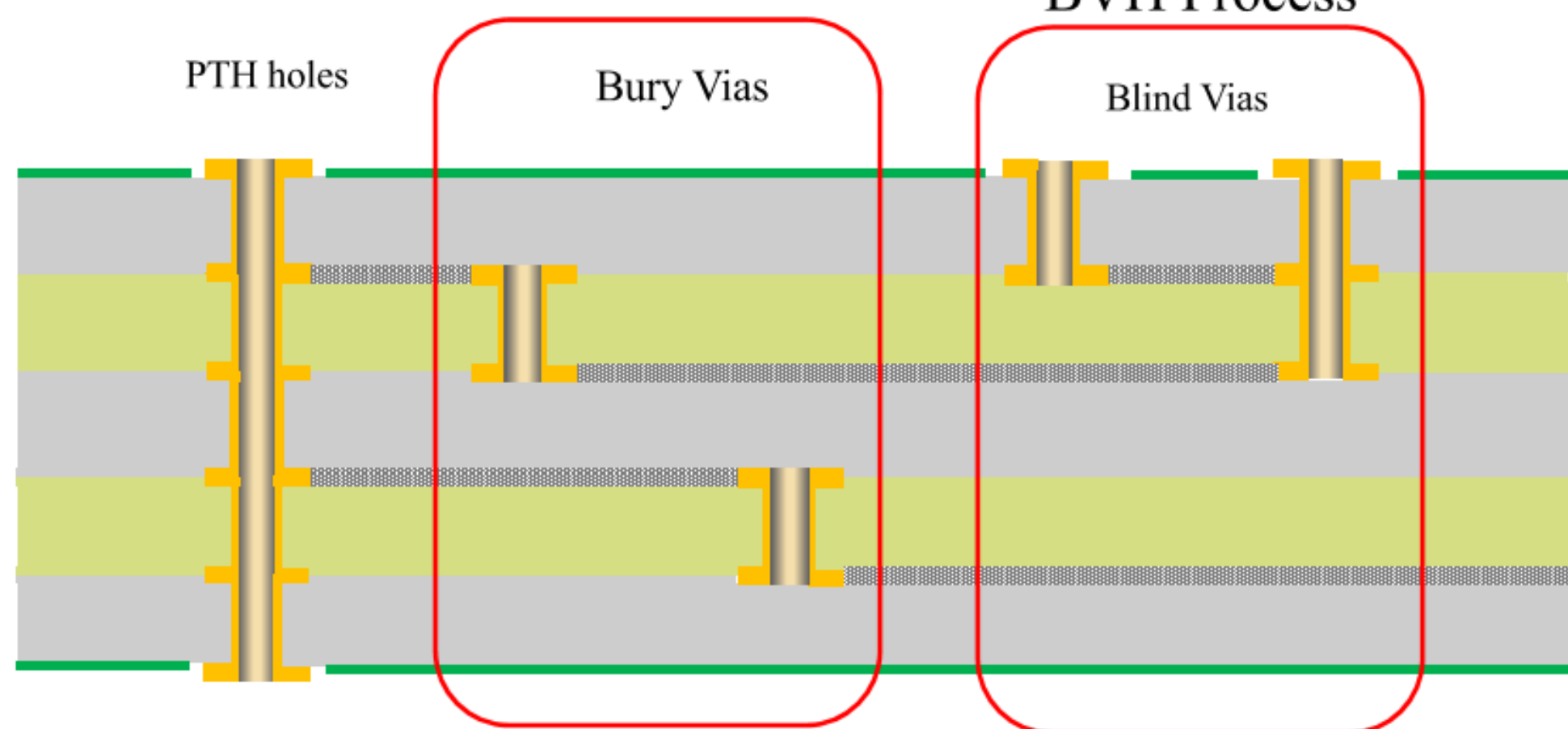
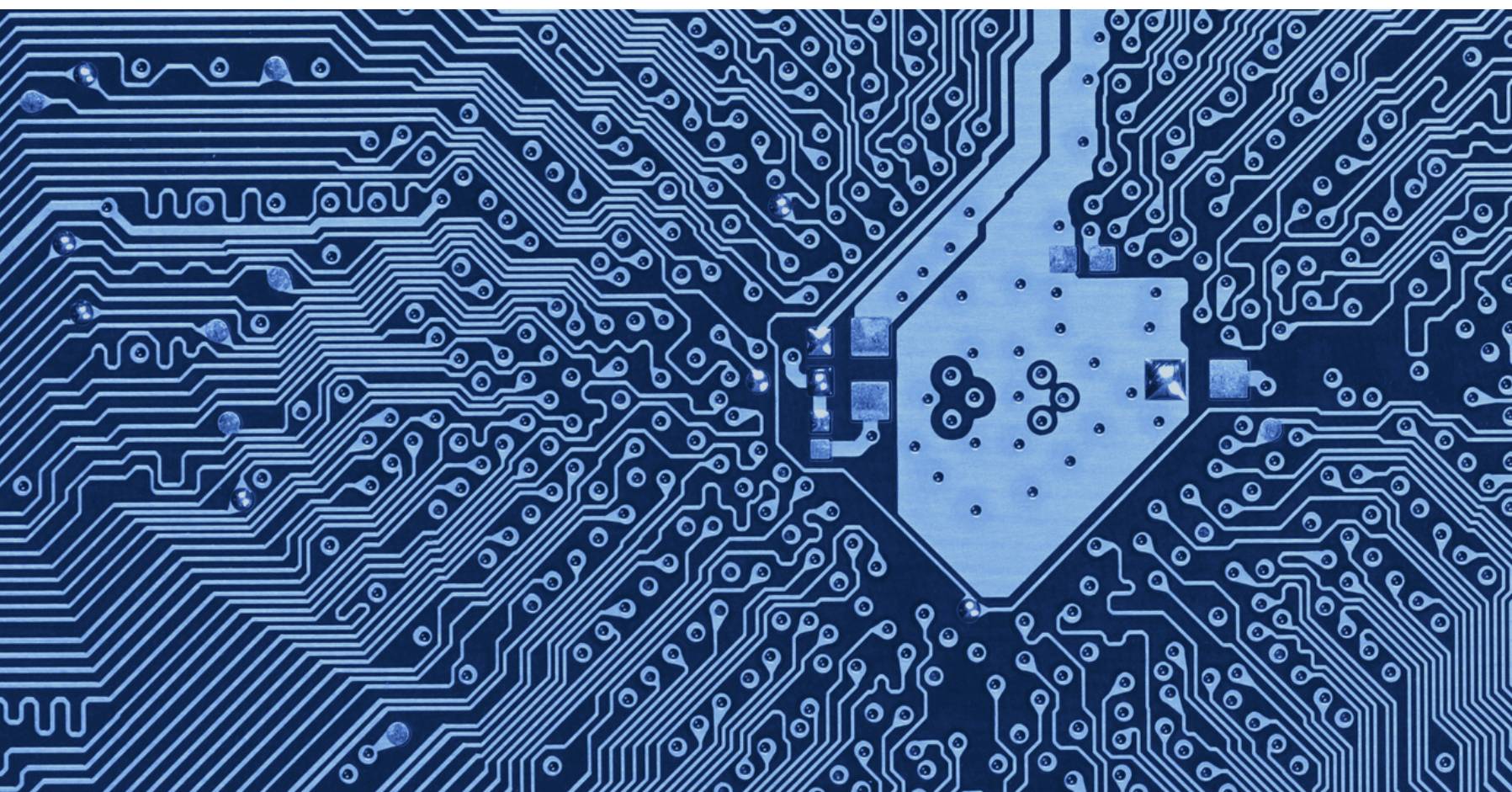
Spec	FR4 0.4 Pitch 4 Para (988 Holes / 1~27L drill / 28~32L drill / 1~32L drill
Size	403 mm x 508 mm
Thickness	4.8T
Layers	32L

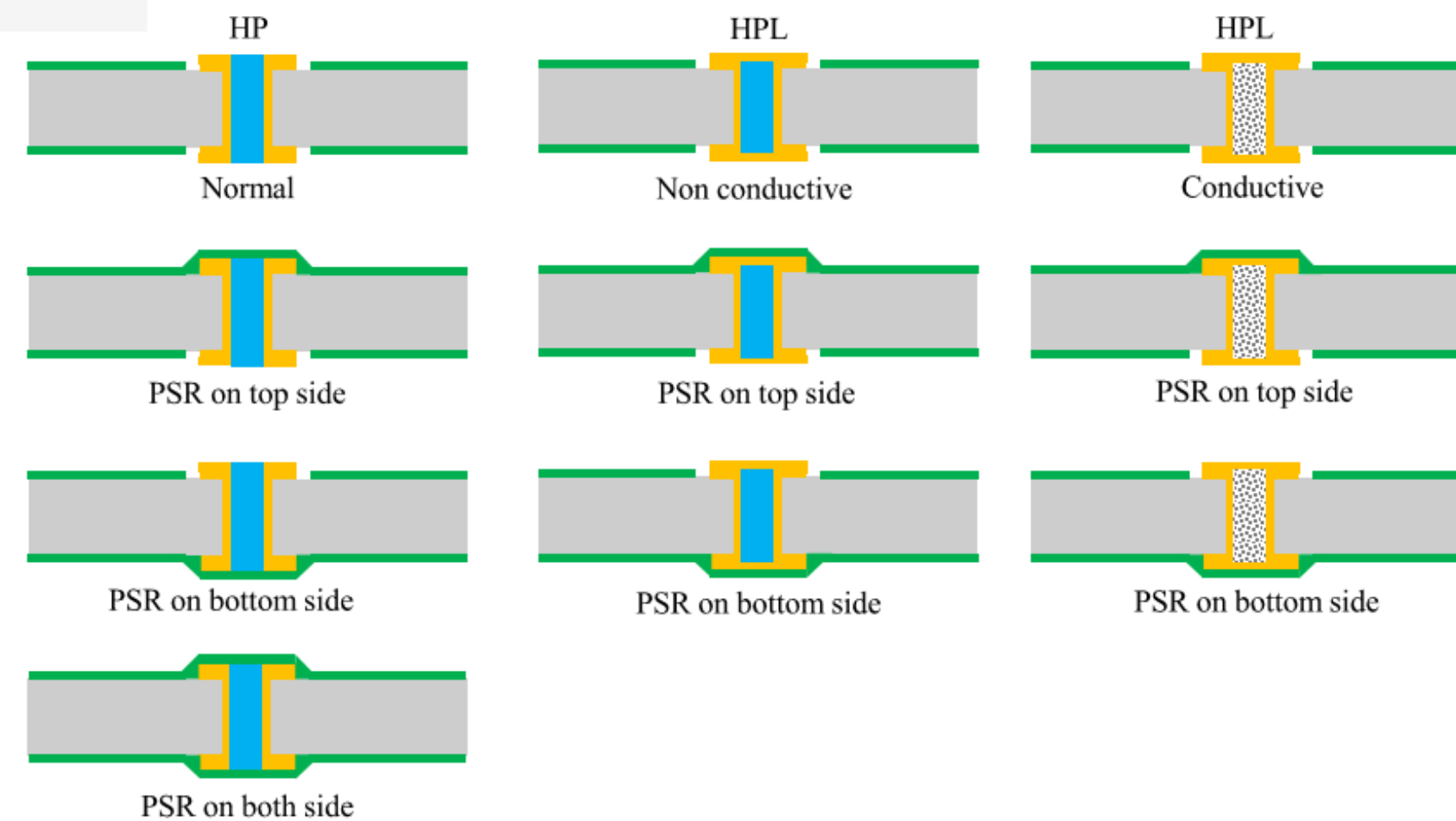
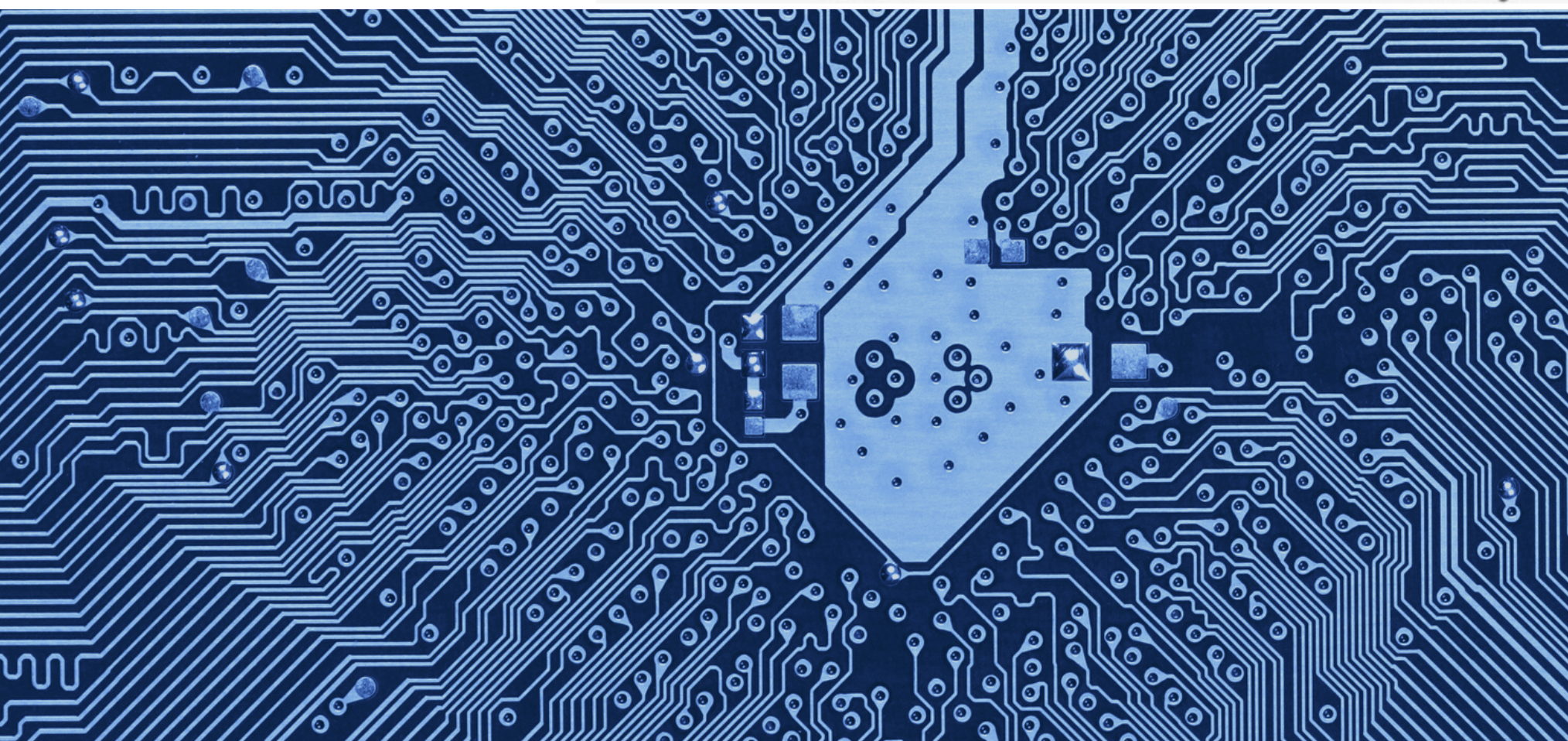
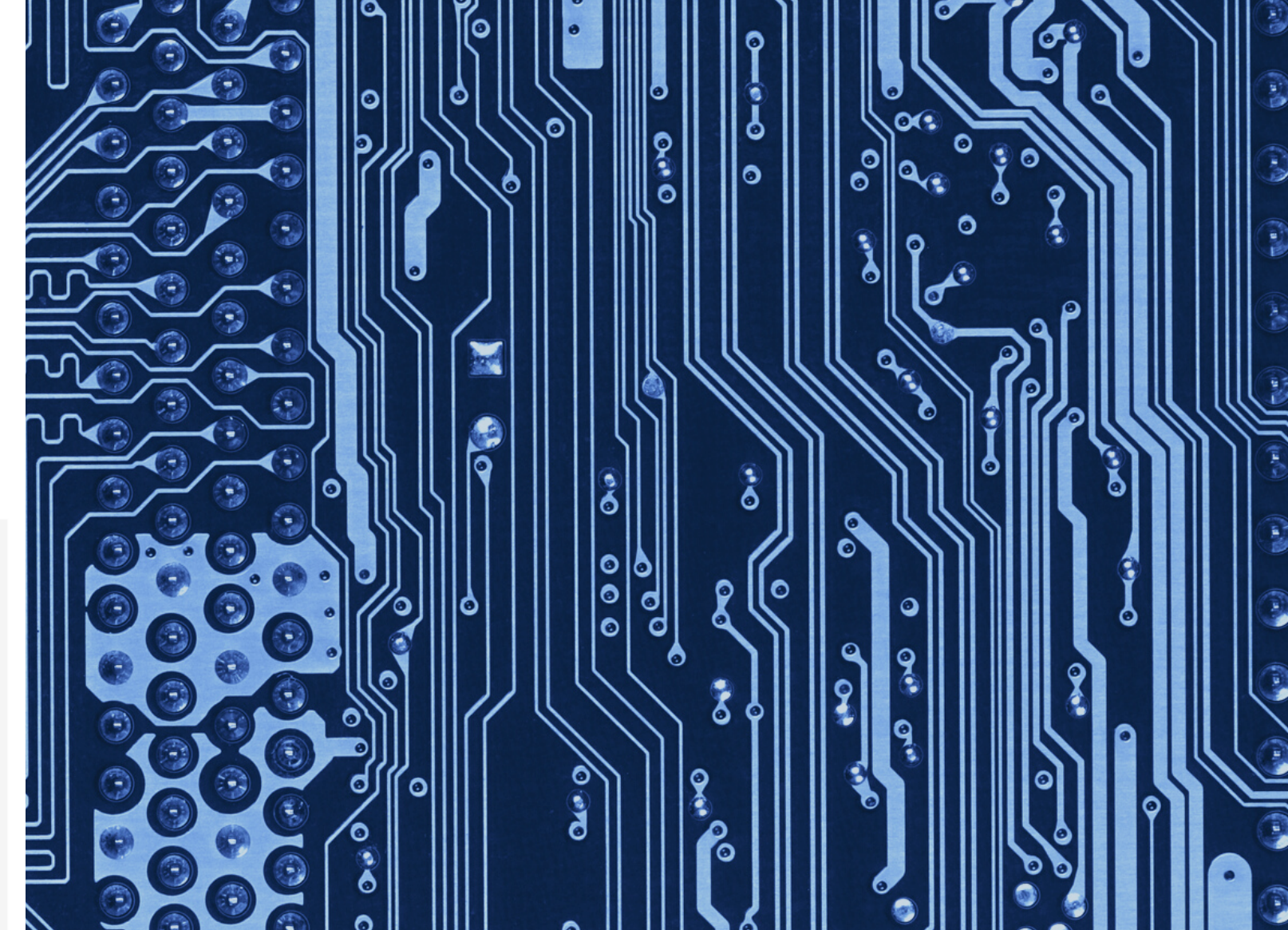
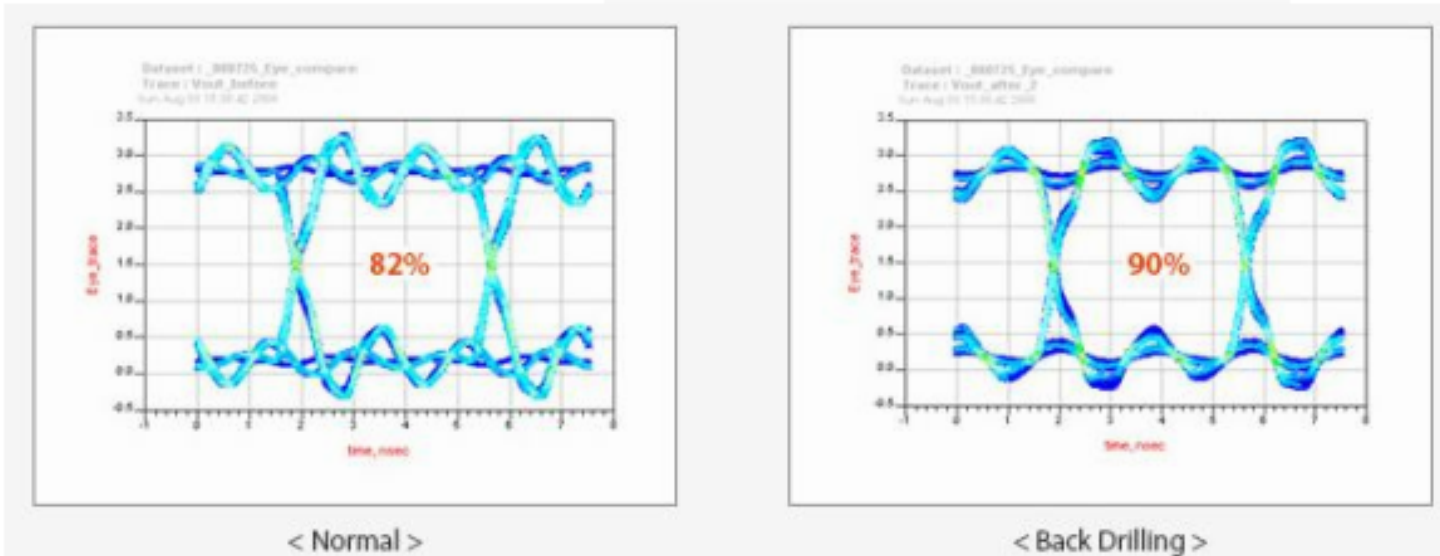
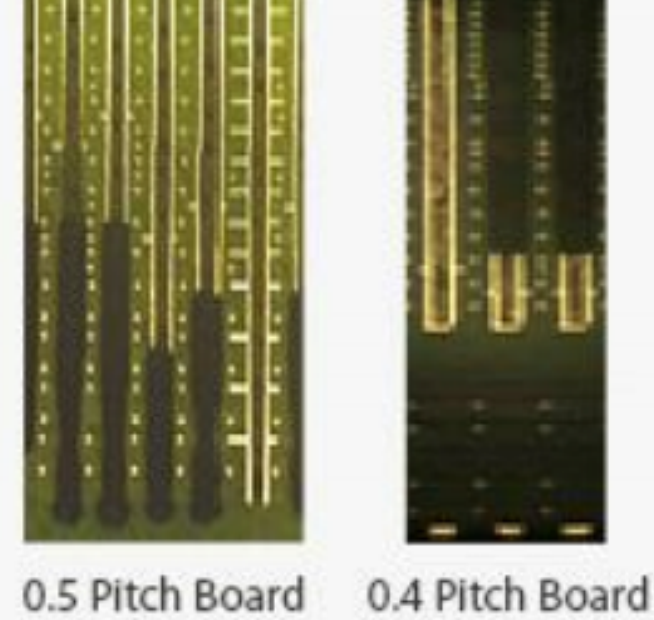
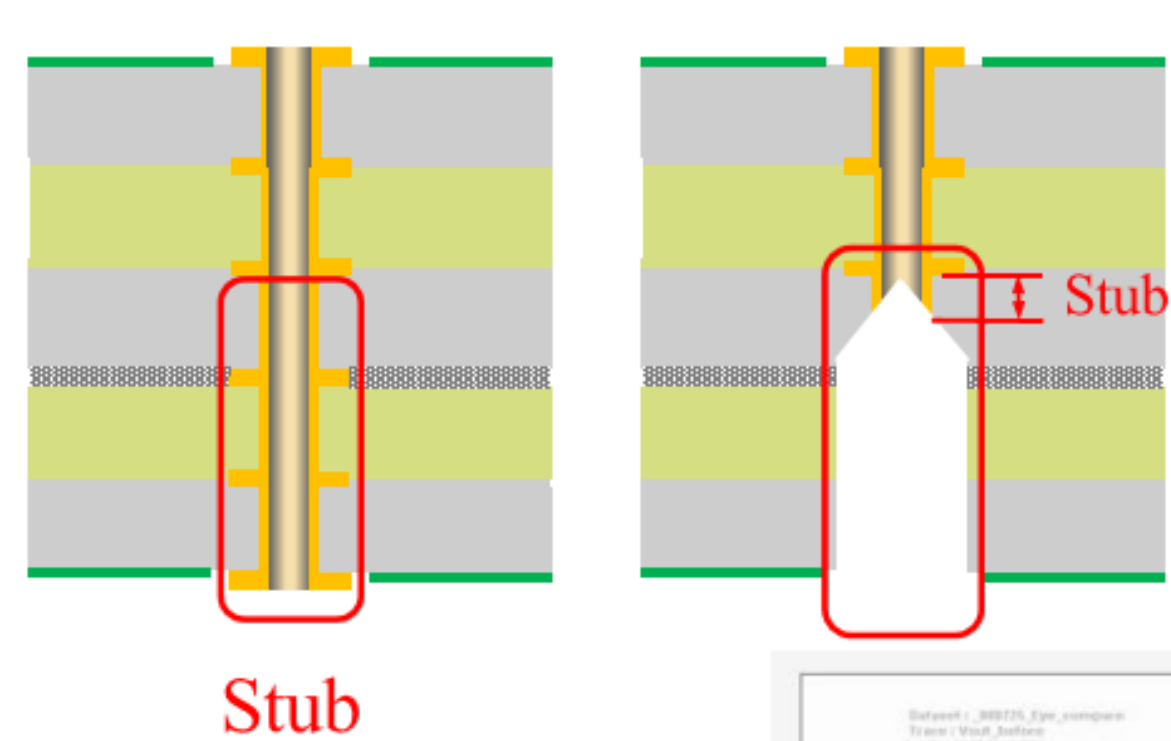


Pitch	T(Max)	D'' (Max)	D(HPL)	D(PTH)	d	d'	W
0.5	6.3	0.34	0.25	0.25	0.43	0.42	0.07
0.4	6.3	0.24	0.175	0.175	0.34	0.32	0.06
0.35	5.0	0.19	0.15	0.15	0.295	0.27	0.055
0.3	1.6	0.14	0.13	0.13	0.25	0.22	0.05



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INTELLIGENCE WINS CHAMPIONSHIPS.“**

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