

World of PCB

kubatronik
leiterplatten GmbH

Engineering

Quickturn

Prototyping

Components

Mass-Production



Assembly (PCBA)

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Made in Germany

kubatronik
leiterplatten GmbH



Established in 1980



Production in Geislingen / Steige (Germany)



55 Employees



Focus on High-Technology Rigidflex, Flex and HDI with High-Mix and Low-Volume



Quickturn and Express Production



Full Service and Complete Solutions (Components / PCBA)






Qualified and certified longtime Business-Partners for Mass Production and Assembly

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Facts and Figures

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leiterplatten GmbH

	2022	2023	2024	2025	2026 (Plan)
 Turnover in Euro	6.325.883 (+22,39%)	7.007.920 (+10,78%)	7.038.528 (+0,44%)	5.865.354 (-16,67%)	7.200.000 (+22,75%)
 Employees	54	59	58	55	60
 Investitionen in Euro	725.000	445.000	490.000	680.000	500.000



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Investments (Plan)

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✓	2021	MIVA Direct Imaging	270.000 Euro
		Fischerscope X-Ray	50.000 Euro
		Lenz Scoring Machine	50.000 Euro
		=	370.000 Euro
✓	2022	Schmoll Laser	650.000 Euro
		Building	75.000 Euro
		=	725.000 Euro
✓	2023	Soda Developer	200.000 Euro
		IT Upgrade / ERP	145.000 Euro
		Digital 3D Microscope	100.000 Euro
		=	445.000 Euro
✓	2024	HML E-Press	180.000 Euro
		Central Cooling/Exhaust	110.000 Euro
		Building & Others	200.000 Euro
		=	490.000 Euro
✓	2025	MIVA Direct Imaging (Replace)	250.000 Euro
		Schmoll Drilling Machines (Replace)	350.000 Euro
		Others	80.000 Euro
		=	680.000 Euro

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Provide Solutions

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leiterplatten GmbH



Engineering-Team with more than 50 years experience in PCB



580 new Layouts in 2025



Test projects and test productions



Producing 75% from the production turnover in special and complex technologies (Flex, Rigidflex and HDI)

We enable your Vision



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Capabilities

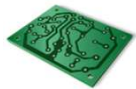
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HDI - Blind / Buried / Stacked / Staggered Vias



Sequential BuildUp and Mixture BuildUp



Layer counts 30 plus



Max. thickness 4,8mm - special 5,6mm



Minimum line / space 75 μm (3 mil)



Via in Pad Plugging (Epoxy / Copper)



Micro Via Plugging (Epoxy / Copper)



Impedance controlled (including measuring protocol)



Laser cutting and drilling

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Capabilities

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Surface Finishes:

HASL (lead / leadfree)

Immersion Ni/Au

Immersion Silver

Immersion Tin

Soft Electrolytic Gold

Galvanic HardGold

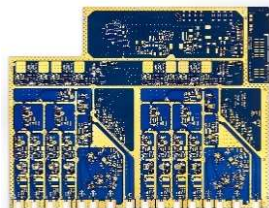
ENTEK 106

OSP

ISIG

EPIG

ENEPIG



Materials:

FR4:

-Isola

-Ventec

-Iteq

-Panasonic

High Frequency / High Speed:

-Rogers

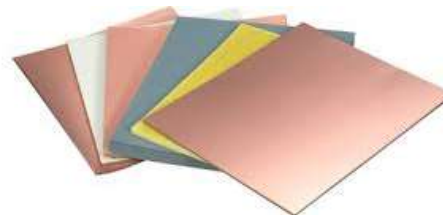
-Arlon

-Nelco

Polyimid Glas

Polyimide

Other Special Materials on request



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Backplane 26+ Layer

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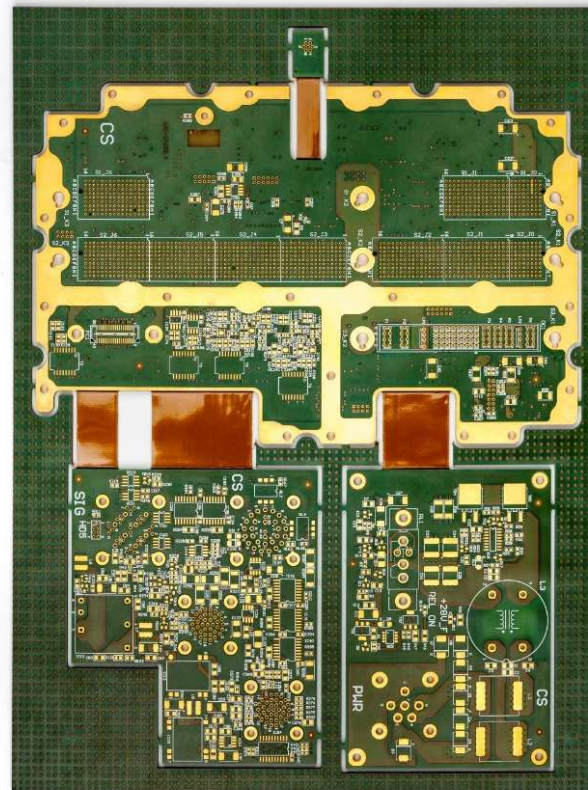
26-layer Backplane

Thickness 5,4mm

8 level backdrilling each site

Impedance controlled

Board size 512 x 427mm

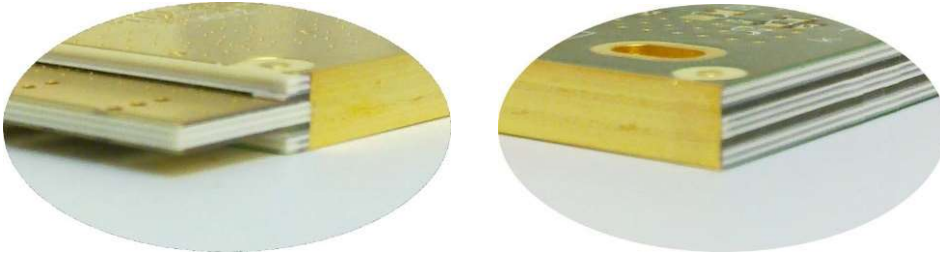


Also as RigidFlex Option with 6 flexible copper layer
(3 x 125µm Polyimide Cores)!

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HighSpeed + HighFrequency

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20 layer Rogers / FR4 mix buildup

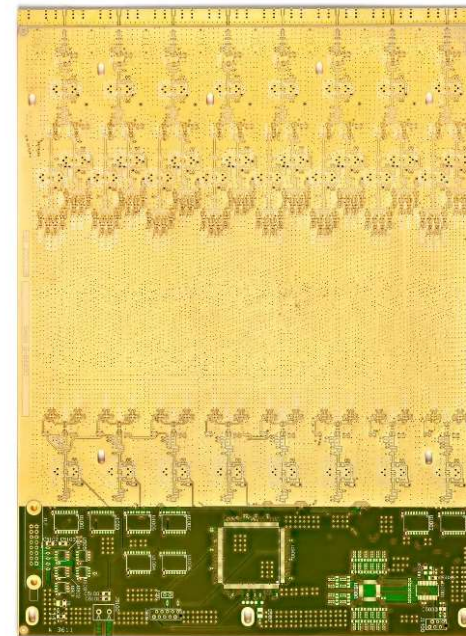
Thickness 4,5mm with aspect ratio 1:11

Edge Plating and plated slot holes

Line / Space 100 μ m

Impedance controlled

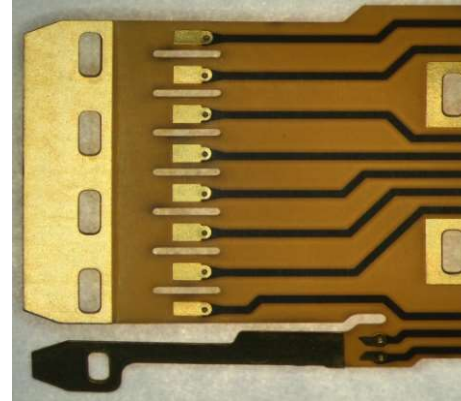
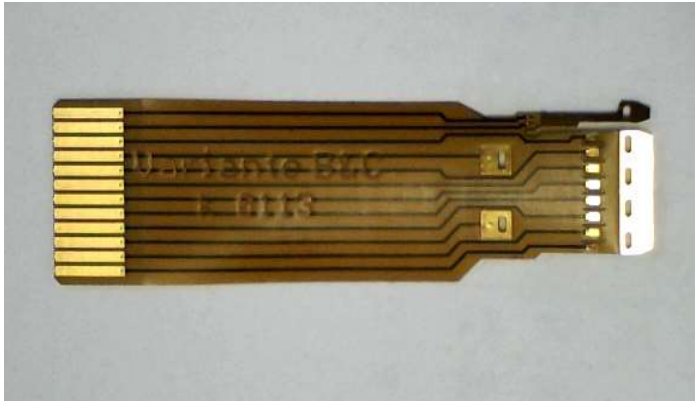
Sequential BuildUp (SBU) with buried vias
and galvanic Ni/Au (hardgold) in innerlayer
connector area



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Exact + precise structures

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Lasered contour slot 0,25 mm

Lasered slot 0,1 mm

Base material AP8515 (25 μm polyimid)

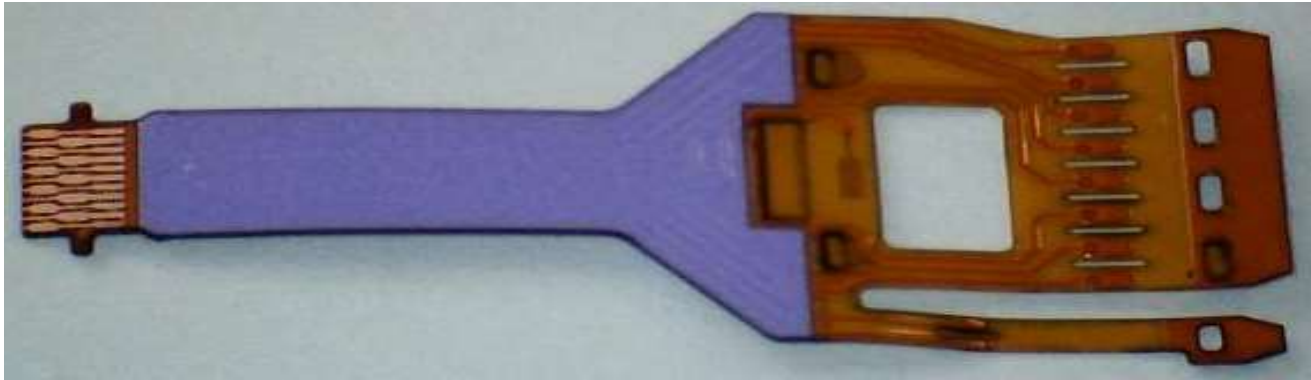
Over coverlayer rising contact pads with button technology

Connector area with stiffener and finishing galv. Ni/Au (hardgold)

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Silver shielding

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2-layer FPC with finishing ENEPIG

Silverfoil electrical connected as ground layer / shielding

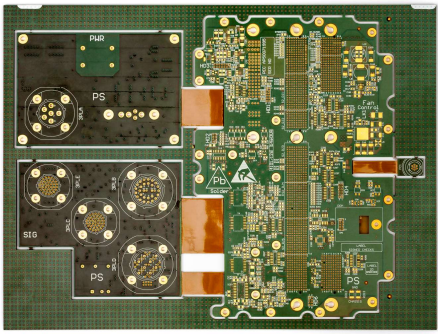
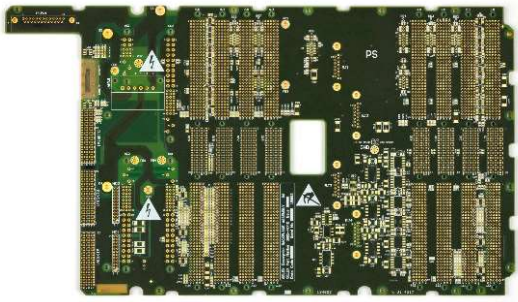
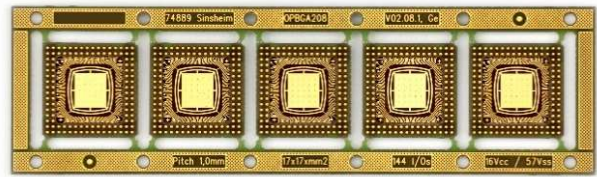
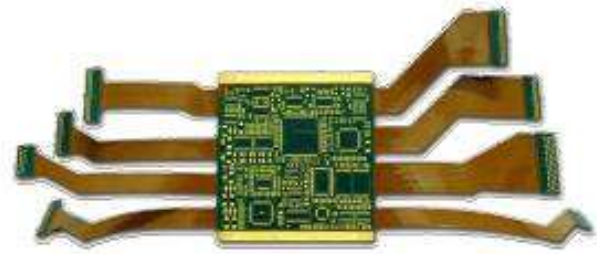
Base material AP8515 (25 μm polyimid)

Lasered contour

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Technologies

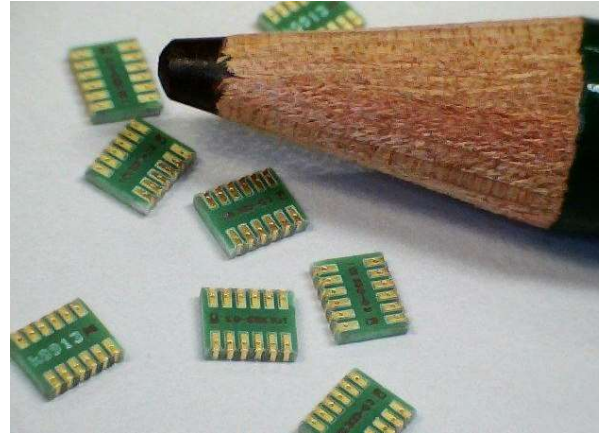
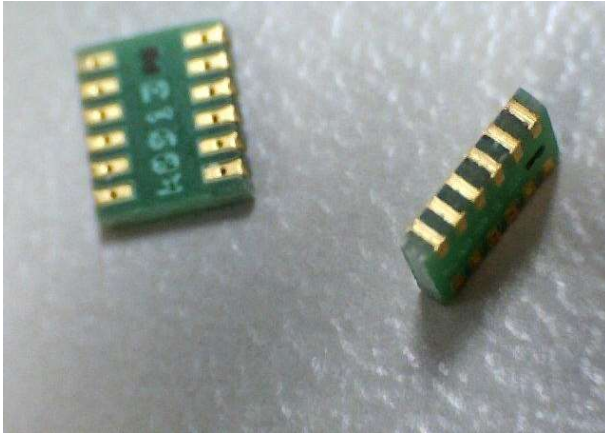
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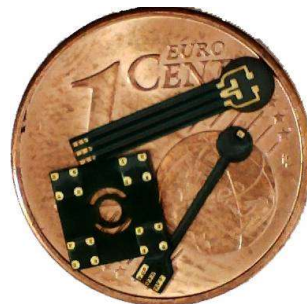
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How small it may be?

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Whether rigid or flexible circuit boards, with or without edge metallization, we produce according to your requirements and laser the contour if necessary.

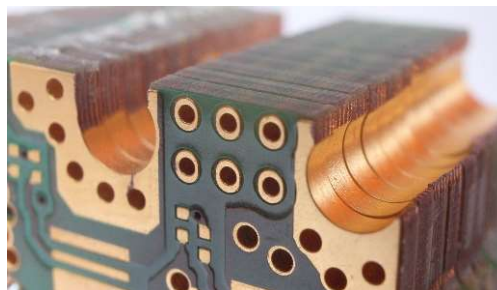
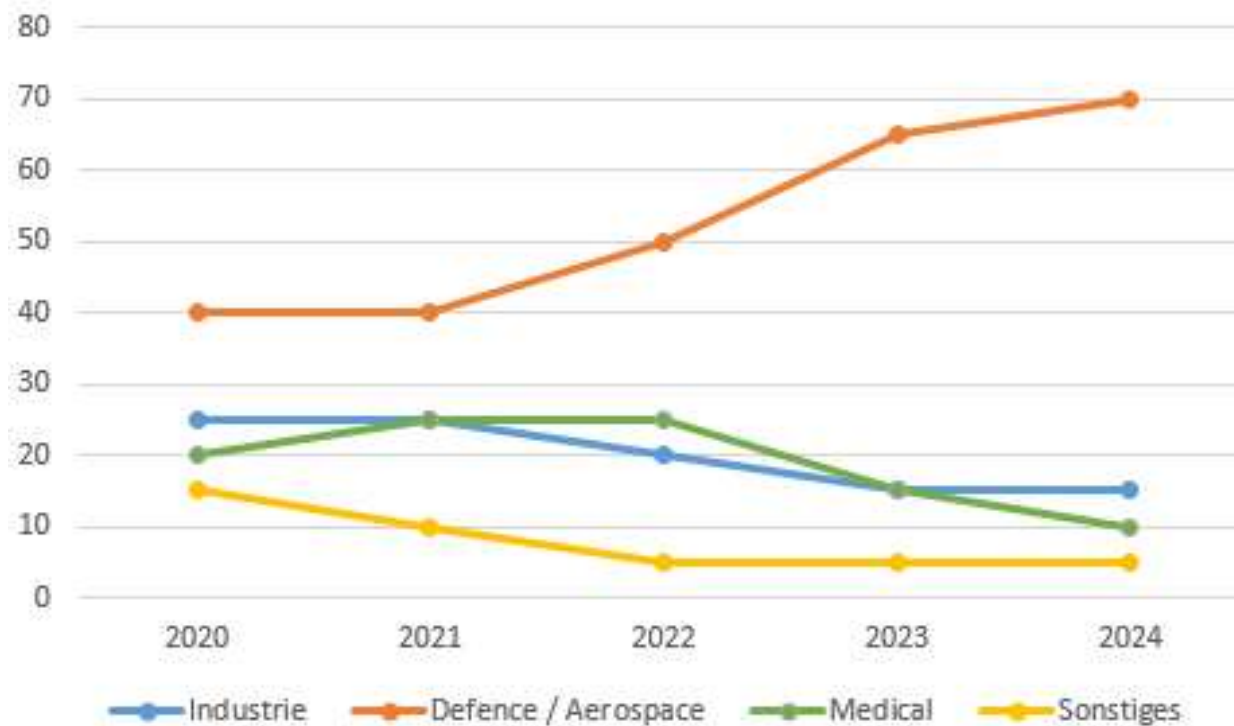


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Market Sector

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Market Sector in % (Turnover)

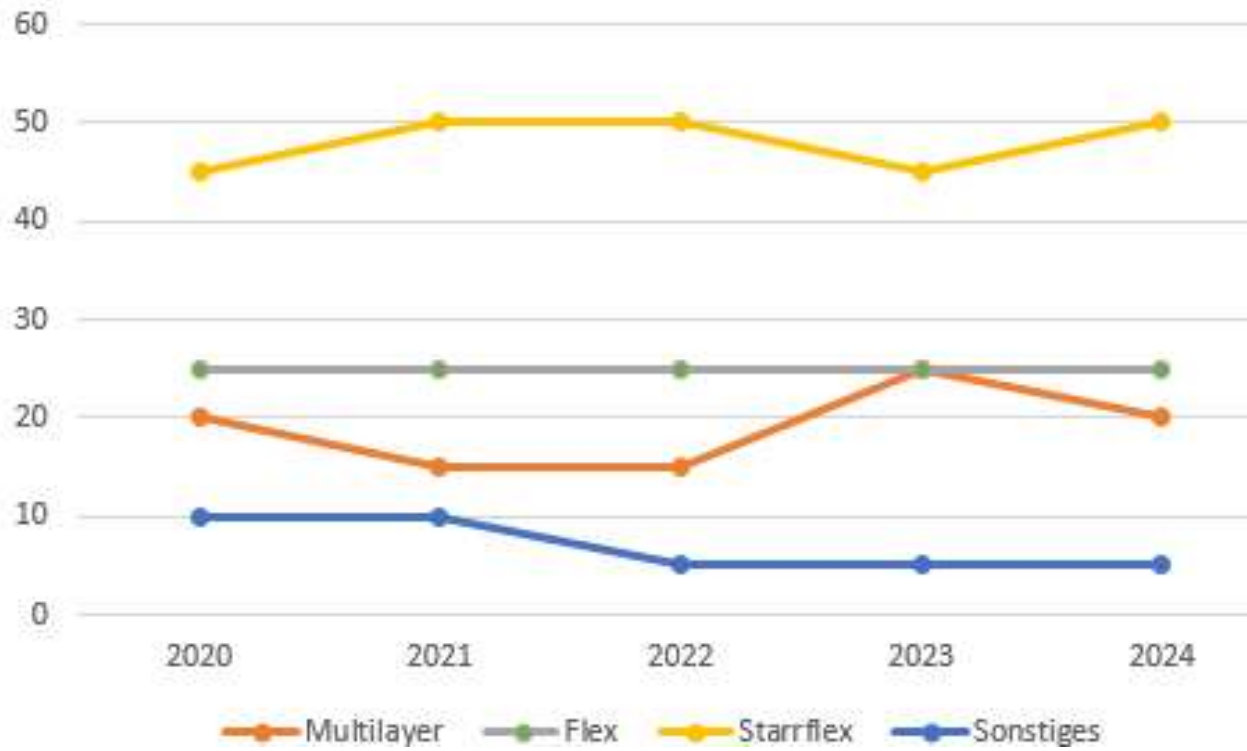


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Product-Mix

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Product-Mix in % (Turnover)



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Qualifications / Certifications

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UL-94V0 for Multilayer, Flex and RigidFlex



DIN EN ISO 9001:2015
DIN EN ISO 14001 (Environmental)
DIN EN ISO 9100 (Aerospace and Defence)



All relevant IPC Standards



ROHS compliance



Member of EIPC and ZVEI

Together for your success

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leiterplatten GmbH

Thank You!



For more information – please contact:

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