



Millennium Circuits  
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<b><u>Capabilities</u></b>
Quick Turn
Prototype Quantities
Production Quantities
1 – 44 Layers
35:1 Drill Aspect Ratio
Maximum Panel Size – 24" x 30"
Blind / Buried Vias. & Micro Vias
Via In Pad with Fill Options (Conductive, Non Conductive, Copper Plug)
<a href="#">Controlled Impedance</a>
High Copper Thickness

<b><u>Surface Finish Options</u></b>
Immersion Gold (ENIG)
Immersion Silver
Immersion Tin
ENEPIG
HASL
Pb-Free HAL
OSP
Hard Gold
Soft Gold
Selective Finishes

<b><u>Base Materials</u></b>
RoHS Compliant Options
High Speed Digital Options
High Frequency RF Options
High Temperature Options
Aluminum Clad Options
Ceramic Options

<b><u>Products</u></b>
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Rigid
Flex
Rigid-Flex
Hybrid RF Microwave / Digital
Metal Core
Aluminum Backed
Ceramic Core

<b><u>Value-Added Services</u></b>
Rapid quote response
Lifecycle management – prototypes, managing board revisions and artwork
DFM Review & Analysis
Panelization
Cost consulting
Stackup design
Surface finish consultation
Laminate and raw material consultation

<b><u>Specs and Tolerances</u></b>	
Outer Layer Trace / Space	.002" / .002"
Inner Layer Trace / Space	.002' / .002'
Minimum Drilled Hole	.002"
Standard Drilled Hole	.008"
Drill Aspect Ratio	35:01:00
Minimum Pad Size	.004"
Minimum Feature to Edge	.010"
Minimum Core Thickness	.001"
Controlled Depth Drilling	YES
Sequential Lamination	YES

: Limited

11

75

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