



# Online Capabilities

	Zoom PCB	Instant Quote & Place Bid					Custom Quote
<b>Material Type</b>	FR-4, FR-TG170	FR4, FR-TG170	CEM-1	CEM-3	Aluminum Clad	Flex	FR-TG180, Arlon, Rogers
<b>Layers</b>	1 to 6	1 to 10	1	1 & 2	1	1	1 to 22
<b>Build Time</b>	2 & 4 Days	Same Day – 3 Weeks					Same Day – 3 Weeks
<b>Material Thickness</b>	0.062	2-4 Layers (0.020–0.0125)	0.062	0.062	0.062	0.005	Less than 0.002
		6 Layers (0.031–0.0125)	N/A	N/A	N/A	N/A	Greater than .0125
		8-10 Layers: (0.062–0.0125)	N/A	N/A	N/A	N/A	
<b>Cu Finish</b>	Up to 2 oz.	Up to 3 oz.	Up to 2 oz.	Up to 3 oz.	Up to 2 oz.	Up to 1 oz.	Up to 10 oz. (FR4), 3 oz. Al. Clad, Flex (Ltd)
<b>Board Size</b>	16" per side (Max. 100 sq. inches)	16" x 22"					16" x 22"
<b>Trace/Space Width</b>	6 mils or greater	1-2 Layers: > 5 mils	> 5 mils	> 5 mils	> 6 mils	> 6mils	5 mils or less
		> 2 Layers: >=7 mils					
<b>Minimum Hole Size</b>	10 mils or greater	1-2 Layers: >= 10 mils	>= 10 mils	>=10 mils	>=10 mils	>=10 mils	10 mils or less
		> 2 Layers:>= 15 mils	N/A	N/A	N/A	N/A	10 mils or less
<b>Solder Mask Color</b>	Green	Green, Red, Blue, Black, White					Custom Colors
<b>Solder Mask Type</b>	LPI	LPI					Special Solder Masks
<b>Legend Color</b>	White	White, Yellow, Black, Red				White	Custom Colors
<b>Finish</b> Lead Free Solder, HASL Gold	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	No	Immersion Gold Gold Fingers (30 micron)	Yes	Yes	Yes	Yes	Hard Gold
Silver, White Tin OSP, Nickel		No	Yes	Yes	N/A	N/A	Yes
<b>Fabrication</b> CNC Rout Points	Up to 14 pts. Individual pcs. only No array	Up to 14 pts., Circular and Array					15 or more
<b>Router Width</b>	Min. 0.62" or 0.093"	0.03 or greater				<= 0.031"	
<b>Slots</b>	Max 3 Allowed	Plated Slots: >0.026"	N/A	N/A	N/A	N/A	Other
<b>Cutouts</b>	Max 3 (0.062" or 0.093" Only)	Non-Plated	N/A	N/A	N/A	N/A	Plated
<b>Countersink</b>	No	Up to 0.250" OD	N/A	N/A	N/A	N/A	Yes
<b>Quality Assurance</b> Electrical Testing	Yes (Optional)	Built Fixtures, Flying Probe (Fixture less)			N/A	N/A	Netlist, Flying Probe



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