



ECD's Printed Circuit Board Comparison Table

Listed below is a side-by-side comparison of our circuit board products. Use this information to decide which product best suits your needs. Questions?

Email: pcbinfo@ecd.com or call 1-800-228-8198.

Product & Service	 PCBexpress http://www.pcbexpress.com				 PCBpro http://www.pcbpro.com	
	Express1	Express2	Express3	Express4	Online Quote	Direct Sales
Design Files Accepted	Gerber-format (274-X Extended preferred)				Gerber-format (274-X Extended preferred)	Contact us
Board Description	Double-sided		Multilayer (4-6 layers)		Up to 8 layers	Up to 14 layers
General (Inspection)	Build to file (no incoming inspection)				Build to file unless Design Review option selected	
Order Size	2, 4, 6, 8, 10, 15, 20 & 25				All Quantities	
Approximate Price Range	2-pcs \$80 & up	2-pcs \$204 & up	2-pcs \$128 & up	2-pcs \$250 & up	Use our PCB instant quote for quick pricing	Use our request for quote form
Order Cutoff Time (PST)	12pm Noon (M~F)	8am (M~F)	8am (M~F)	8am (M~F)	2pm (M~F)	None
Build Time	1-day	2-days	3-days	4-days	2-days to 5-weeks	2-days & up, incremental shipments
Max/Min Board Size	14" Max one direction (either X or Y), not to exceed a total of 108 sq. inches				14" x 18"	Smaller/Larger builds upon review
	0.75" x 0.75"				0.25" x 0.25"	
Board Thickness	0.062"	0.031", 0.062"	0.062"	0.062"	0.031", 0.047", 0.062", 0.093", 0.125"	All thicknesses
Finished Copper	1-oz.	1-oz., 2.5-oz.	1-oz.	1-oz.	1-oz, 1.5-oz., 2.5-oz.	All copper up to 4-oz.
Board Shape	Routed perimeter to cut lines				Routed per dimensions, slots & cutouts available	Not limited, slots, cutouts & countersink
Solder Finish	Tin-Lead Reflow	SMOBC (HAL)	Tin-Lead Reflow	SMOBC (HAL)	Tin-Lead Reflow, SMOBC (HAL), Gold fingers	
Solder Mask	None	LPI 2-sides, green	None	LPI 2-sides, green	LPI 2-sides, green, blue, red, black	
Silkscreen/ Legend	None	1 or 2-sides, white	None	1 or 2-sides, white	1 or 2-sides, white, yellow	
Traces / Spacing	0.007" minimum				0.006" minimum	0.005" minimum
Finished hole sizes	15 pre-set drill sizes		16 pre-set drill sizes		Varies to meet customer specifications	
Electrical Testing	NO				1-side test up to 1,000 test points, 2-side test up to 600 test points	2-sided testing, no limit on test points
UL / Date & Lot Code	NO				YES	
Routing	Individual				Individual, TabRouting & V-Score (view guidelines)	
Inspection Guidelines	IPC-600F guideline				IPC-600F guideline	