

**Features**

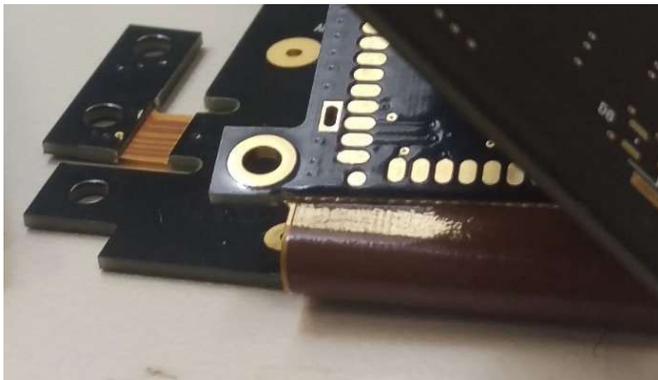
- Single, Double, and Multi-layer (up to 12 layers)
- Wide selection of Glass Transition: Tg-140, Tg-150, Tg-170 or Tg-180
- Wide range of finishes: OSP, HASL, ENIG, Gold Plating, Immersion Tin
- Foldable, Stackable designs

**Applications**

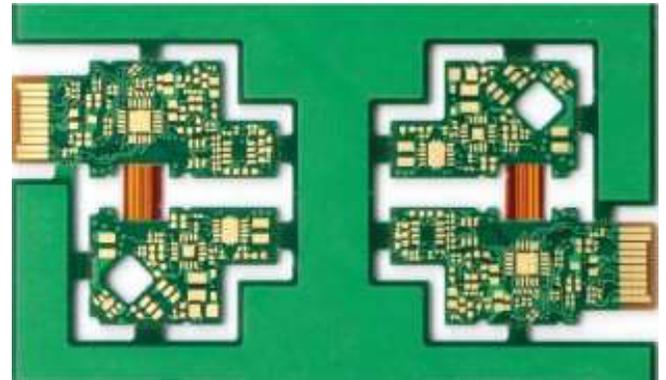
- IPC-6012 Class 2 – Dedicated service electronic products
- IPC-6012 Class 3 – High performance electronic products
- IPC-6012 Class 3A - Space and Military Avionics
- Biomedical

Capabilities	Units	Minimum	Typical	Maximum	Remarks
Maximum Layers				12	
Board Thickness	mm			5	
Rigid Material		Normal-Tg		High-Tg	FR-4, FR5, Halogen Free FR & High Frequency
Flex Material – Base/Insulation Polyamide	mils	0.5 / 0.5		2 / 2	
Flex Material – Base/Insulation Polyester	mils	0.5 / 1		1 / 2	
Rigid Board Copper Thickness	oz			2	
Flex Copper Foil	oz	1/3		2	
Route Dimensions	mils	5		10	
Trace Layer - Outer Layer L/S	mm	0.07 / 0.07			
Trace Layer - Inner Layer L/S	mm	0.07 / 0.07			
Hole Size	mm	0.15			
IPC-A-600 Compliant Boards		Class 2	Class 3	Class 3A	IPC-6012
Flex Adhesive and Stiffeners	Epoxy, Acrylic Adhesives. PI, FR, PET, Steel, Aluminum Stiffener options.				
Surface Finish	OSP, HASL, ENIG, Gold Plating, Immersion Tin				
Rigid Solder Mask Color	Green, Red, Yellow, Blue, Black, White				
UL Certified Boards	UL796 Wiring, Printed-Wiring Boards. UL94 V-0				
Buried copper / Buried vias	Ability to produce designs that include buried copper and buried vias				
HDI / High Frequency Board	Ability to produce High Density (HDI) boards and boards designed for high frequency communications				
Panelized	Multiple boards on a panel with V-cut and other breakaway options				
Adhesive backing and post-production	Ability to apply pressure-sensitive adhesive tapes and other post-production configuration				
Production	Ability to take projects from quick turn prototypes to high volume requirements				
Packaging	Vacuum sealed with desiccant and moisture indicator strip where applicable				

**Product Showcase**



8L Rigid-Flex Tri-Fold PCB Compact Design for Human Wearable



6L Rigid-Flexible PCB Mixed lamination with Gold Finger



Semi-flexible Rigid PCB LED Light Engine with 20° curve in the design