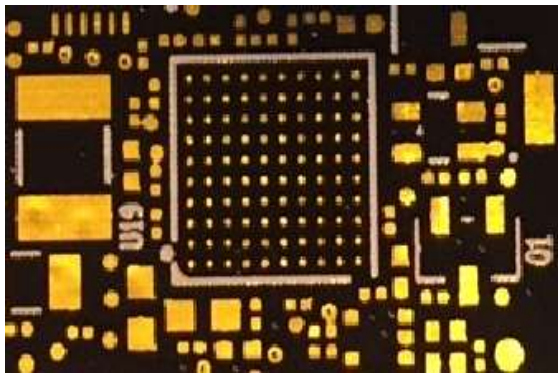


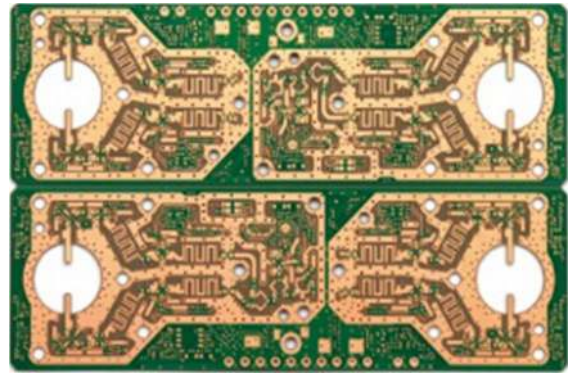
FEATURES	APPLICATIONS
<ul style="list-style-type: none"> - FR Rigid PCBs - Single, Double, and Multi-layer boards (up to 48 layers) - Wide selection of Glass Transition: Tg-140, Tg-150, Tg-170 or Tg-180 - Wide range of finishes: HASL, HASL Lead-free, OSP, Immersion Gold, ENIG, Immersion Tin 	<ul style="list-style-type: none"> - IPC-6012 Class 2 – Dedicated service electronic products - IPC-6012 Class 3 – High performance electronic products - IPC-6012 Class 3A - Space and Military Avionics

CAPABILITIES		UNITS	MIN.	TYP.	MAX	REMARKS
Maximum Layers					48	
Board Thickness		mm	0.3		5	
Material			Normal-Tg		High-Tg	FR-4, FR5, Halogen Free FR, and High frequency
Surface Finish		OSP, HASL, ENIG, Immersion Gold, Gold Plating/Finger, Immersion Tin, Immersion Silver, Carbon				
Solder Mask Color		Green, Red, Yellow, Blue, Black, White				
Copper Thickness	Outer Layer	oz	1/3		6	
	Inner Layer		0.5		5	
Route Dimensions		mils	5		10	
Trace Layer	Outer Layer L/S	mm	0.05/0.05			
	Inner Layer L/S		0.05/0.05			
Hole Size	Blind Hole	mm	0.1			
	Buried Hole		0.2			
	Plated Through Hole (PTH)		0.2			
Hole Tolerance	PTH	mm			±0.075	
	NPTH				±0.05%	
Impedance Tolerance						±10%
PCB Panel Size		Inches	24 x 32			Contact us for other sizes
IPC-A-600 Compliant Boards			Class 2	Class 3	Class 3A	IPC-6012
UL Certified Boards		UL796 Wiring, Printed-Wiring Boards. UL94 V-0				
Buried copper / Buried vias		Ability to produce designs with buried vias and buried copper				
Gold Finger		Ability to support Gold Finger designs for both long and short				
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.				
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



HDI / High Density PCB
PCB Fixture Design Support



High Frequency RF Materials
Wireless PCB Designs



Gold Finger, Through-hole FR4 PCB
Vacuum Packaging with Desiccant