



## PCB Design & Assembly Capabilities

### *Bare PCBs*

- IPC-6012 Class 3 boards
- Fiberglass, metal or flex substrate
- Max layer count 30
- RoHS Compliant since 2006
- Tab-route, V-Scoring and Rat Bite panelization methods
- All PCB's are UL 94V-0
- Wide array of copper weights (1/3 oz to 6 oz)
- Finishes include ENIG, ENEPIG, PbFree HASL, Hard Gold, Soft Gold and more

### *SMT and Thru-Hole Technology Assembly*

- THT hand assemblers on staff
- SMT Technicians, SMTA Members
- Pick and Place capable of 10k parts per hour
- 6 heads, 8 cameras including 1 HD Camera for fine pitch parts
- Up to 64 Feeders, 8mm to 32mm feeders, Yamaha
- Up to 6 Tube Feeders
- Additional space for Multiple Trays
- Frameless Solder Paste Stencil Machine up to 275mm x 200mm
- 8-Zone SMT Reflow Oven. We verify every profile prior to run.
- Wave soldering machine 12 in. wide, SAC305 Alloy, RoHS Compliant
- Auto-gluing machine for SMT adhesives and temporary soldermasking

### *Product Testing, 24-Hour Power Cycling & More*

We offer product testing for the products we design and assemble. This includes 1-2 cycles of functional testing with optional 24-hour power cycling test. If you request this service, your finished product will be warranted for one full year after the product ships to you. Every unit will have a serial number for tracking.

### *Bare Boards, Assembled Boards or Turn-Key Assemblies*

At Journey Electronics, you have the option to order bare PCBs or Turn-Key Assemblies and everything in between. Talk with one of our experts today to find out what we can do for you!