



## PCB Design & Assembly

### *Why choose Journey Electronics Corp. for your project?*

#### **Four decades of experience**

Since 1983, we have provided quality PCB products for our customers.

*IPC-6012 Class 3 Standards  
SMT Technicians are SMTA Members*

#### **Highest quality standards**

We deliver high quality PCBs to our customers that meet or exceed IPC-6012 Class 3.

- Every product is inspected for quality defects and assembly errors.
- Product testing is available.

#### **Thru-Hole, SMT or Mixed Technology**

Whether you need Thru-Hole, SMT or a mixture of both, we can do it.

##### SMT:

- Parts as small as 0402
- Our Pick and Place machine features 6 heads with vision and up to 64 feeders
- We have an 8-zone reflow oven as well as a frameless stencil printer

##### Rework:

- We utilize our Pace soldering, desoldering and SMT rework stations for all of our reworking needs
- Our assemblers have a combined 60+ years of honing the art of soldering

##### Thru-Hole:

- We are equipped with lead forming stations, wave soldering machines, and an auto-gluing machine for masking or SMT adhesion.
- Our assemblers have over 40+ years experience in PCBA.

##### Software:

- For our design work, our engineers utilize AutoDesk's Fusion 360 and Eagle PCB software as well as DipTrace.
- We can view gerbers using GerbView software.
- Our CAD work is completed using TurboCAD Pro Platinum
- We can design and maintain your PCB Component libraries (File extension: .lbr)