

Senior Technician – Power Adapters

Type: Full-time
Reports To: Director of Systems Engineering
Location: Toronto or San Diego

Silanna Semiconductor is a privately held semiconductor company that develops disruptive technologies and products that address market needs in high efficiency power conversion. The company provides DC/DC and AC/DC integrated circuits that deliver Best-in-Class Efficiency so that its customers can build end products with Breakthrough Power Density. Silanna has a global footprint with design centers and satellite offices in North America, Europe, Asia, and Australia and is an ISO 9001 certified company.

We are looking for a *Senior Technician* with strong background in the field of switch-mode power supplies, to join our AC/DC Power Management business unit.

Experience

- 2 Year Degree
- 5+ years soldering experience; 10+ preferred
- Bench testing experience expected
- Experience winding transformers is a huge plus
- Flyback transformer and magnetic component construction
- Ability to solder fine-pitch SMD and at least 0603 footprint components
- Experience in working with EMS
- Excellent written and verbal communication skills

Core competencies and responsibilities

- Your work will be critical to the success of the AC-DC power business and your responsibilities will include:
 - Winding and characterizing flyback magnetic transformers, common-mode chokes and inductors
 - Assembling and soldering high-power density prototypes
 - Working with EMS for higher volume manufacturing of various reference designs
 - Conducting thermal studies with and without power adapter cases
 - Generating acceptance test reports for reference designs before they are shipped to customers for sampling