



Turnkey Electronic Manufacturing Services

Box Builds • Custom Transformers

Quick-turn Prototyping • NPI • Engineering Support

ISO 9001:2015

AS9100D

20 YEARS OF
INSPIRING TRUST



AN INTERNATIONAL LEADER



MX Electronics Manufacturing Inc. (MX-EMI) is a full-service electronic contract manufacturer and custom design company, providing OEM customers with the highest quality technology products and services for over 20 years. With expert capabilities in Turnkey Electronic Manufacturing, Custom Cable Assemblies, Custom Transformers and Box-Builds, MX-EMI is a key partner that is able to service a wide range of applications.

With state-of-the-art manufacturing facilities in Santa Ana and San Diego in California, and Tecate in Mexico, MX-EMI has the capabilities to support our customer needs for everything from prototyping through full production. In addition, MX-EMI has key manufacturing partners in China for higher-volume, lower-cost needs, making MX-EMI an ideal partner. MX-EMI provides global Sales and Engineering support to our customer base from our locations in Santa Ana, San Diego, Hong Kong, Montreal, and London. We have been able to retain long term relationships with major OEMs such as Rockwell Collins, Emerson Network Power, Hewlett Packard, Siemens and National Instruments, but we are equally adept at supporting smaller and mid-sized companies that need a responsive, cost-effective, and high-quality manufacturing partner.

Areas of Expertise

Turnkey Electronic Assembly: we can manage the whole process from materials procurement to production and test, for high-mix, low-volume, all the way to high-volume production.

NPI: fast-service prototyping and engineering support - we assist you to get your product to market quickly.

Custom Cable Assemblies: vast experience custom cable design, over-molding, RF assemblies, wire harnesses, fiber-optic, and a host of custom solutions.

Box Builds: production and full assembly of cables, harnesses, PCBAs, and chassis.

Custom Transformers and Coils: custom design and production of Transformers and Coils to meet your exact specifications. We are experts at laminated and toroidal transformer manufacturing.



Interconnect Product Engineering

MX-EMI design and production teams are recognized as one of the industry leaders with “first-to-market” products and innovations. This stems from a commitment to invest significant time and resources into continuous Product Development, Test Fixture Development and Manufacturing Best Practices. Attention to quality and cost in our Research and Development programs for all products gives our customers the design services for both standard and custom products that meet and exceed Customer and Industry specification.



Design to Specification

MX-EMI has a full engineering team at our Southern California and Montreal facilities to design customized turnkey assemblies to OEM and Systems Integrator specifications. From simple to complex design, MX-EMI's expert engineers can design and manufacture a custom product, and have it done quickly to meet any customer deadline.

CONNECT WITH CONFIDENCE

Manufacturing

MX Electronics Manufacturing Inc's (MX-EMI) state-of-the-art production facilities in the U.S. and Mexico are geared for both volume and quick-turn runs. From prototyping to mass production, MX-EMI can handle your every need.

Our production lines are equipped with the most advanced automated molding, automated measuring, terminating, automated surface mount equipment and test equipment. Lean Manufacturing principles, documented maintenance and calibration programs, closed-loop corrective action procedures, and extensive employee training programs ensure highly efficient and consistent manufacturing processes.

The combination of our advanced manufacturing capabilities and our quality workmanship gives our customers the highest quality products, all with industry-leading on-time deliveries, at the lowest cost.

Complete Product Offerings

Turnkey Electronic Manufacturing

- Materials and supply chain management
- Assembly and test

Custom Transformers and Coils

- Custom-built transformers
- Design and prototyping services

Custom Cable Assemblies

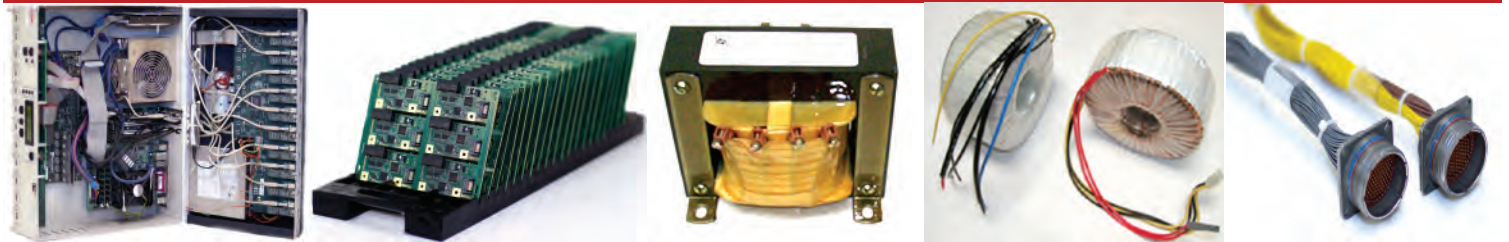
- Composite cable construction
- Custom Interconnect molding

Wire Harnesses

- RF assemblies
- Discrete wiring power
- Mixed signal including fiber optic

Box Builds

- Surface mount assembly and test
- Full Integration of cable, harness, PCBA and chassis
- Transformers and coils
- Toroidal custom bobbins



QUALITY ABOVE ALL

MX Electronics Manufacturing Inc. (MX-EMI) is chosen by leading OEMs because of its uncompromising attention to quality. Your advanced technology solution requires a manufacturing partner that knows how to deliver the highest quality products with outstanding service, and that's what MX-EMI delivers.

MX-EMI builds its own test fixtures, and uses state-of-the-art test equipment in its QC process. Few companies have the level of engineering expertise that MX-EMI has in the custom design, EMS, and interconnect industry.

MX-EMI can perform 100% electrical testing to contractual requirements and all products meet UL, CSA, and FCC qualification standards.

MX-EMI is an ISO 9001:2015 certified company. Facilities in Santa Ana, CA and Tecate, MX are AS9100D certified. Santa Ana, CA is also an ITAR Registered facility.



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