



MICROWAVE solutions

- Linear and non-linear design up to 80 GHz (GaAs & GaN based MMICs)
- ITAR free modules compliant MIL-STD
- Development of high performance active and passive MW modules
- RF over Fiber modules and systems 10 MHz ÷ 40 GHz for remote antenna, EW, radar, military communications
- Microwave-Photonics for frequency generation and processing
- High integration level: in-house design of electronic boards with Micro Controller and FPGA

PACKAGING AND INTEGRATION

Cordon Electronics offers microwave chip&wire packaging and integration services, providing turnkey solutions from samples up to production. Our flexible platform includes custom design, engineering, manufacturing, after sales and supply chain management.

DESIGN CAPABILITIES

Build-to-spec customized solutions can be provided starting from Customer specifications, including electrical, thermal, mechanical and layout design of single or multi-function microwave components or modules.

On request, ITAR-free solutions may be performed.

Cordon Electronics Italia - Microtech Division

via San Martino, 7 – 20864 Agrate Brianza (MB) – Italy

+39 039 6100 1

info@cordongroup.it

www.cordongroup.it

CONTRACT MANUFACTURING

With thousands of units manufactured for worldwide customers, Cordon Electronics is the reliable partner you can outsource your low, mid or high volume production, from single devices to complex system integration of Microwave components. Our engineering team can assist you from New Product Industrialization (NPI) to Build-to-print volume production.

SUPPLY CHAIN MANAGEMENT

Cordon Electronics provides extensive supply chain solutions, including materials free-issued by Customer or full material sourcing and supplying.

AFTER SALES SUPPORT

Long term support agreement for repairing can be provided, including obsolescence management for components.

CORDON ELECTRONICS ITALIA

Located in Milan area, with over 20 years of experience in design, engineering, manufacturing and supply chain management services based on chip & wire microtechnology platforms. From components up to subsystems on Microwave applications for **Defense**, **Aerospace**, **Telecom** and **Industrial** markets.

MICROWAVE features

- Fully custom systems
- Architecture design
- Prototypes and demonstrators
- In-house assembly and production

DESIGN capabilities

- Electronic
- Thermal and Mechanical
- PCB layout

PRODUCTION capabilities

- Manual and full automatic components assembly
- Automatic wire bonding
- Hermetic Sealing
- Test and reliability
- High mix, low volume
- Low mix, high volume

AT A GLANCE

- Clean room 1900 sqm
class 10000 – ISO 7



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