**MMIC (Monolithic Microwave IC)**
- MMIC solutions & GaAs and GaN foundry services for Telecom, Space, Defense, Automotive, Radar
- European leader for RF Products, Solutions and Foundry Services, up to 100GHz
- UMS designs, produces and markets leading edge GaAs and GaN RF and millimeter wave components

**Components Obsolescence solution**
- Aftermarket supplier of Analog-to-digital converters
- QML certified, Radiation Hardened IC's, Hi-Rel products
- Counterfeit prevention in Microelectronics industry.
- MIL-PRF-38535 QML certification MIL-STD-883 Lab Suitability

**JANS QPL Transistors Radiation Hardened**
- Bipolar power devices for High-Reliability Defense and Aerospace applications.
- JAN / JANTX / JANTXV and JANS Products MIL-PRF-19500, Space Level electronic components.
- Radiation Hardened Bipolar Transistors, Rad Hard By Design (RHBD) Bipolar technology 300 Krad

**Inductors, Transformers, Power supplies**
- Design and manufacture custom-made inductors, transformers and power supplies
- Defense, Aerospace, Transportation, Renewable Energy & Telecommunication
- Diodes for Avionic, Medical, Industrial applications in all state of the art packages.

**High-speed mixed-signal circuit**
- RF and photonic components for harsh environment and high reliability applications.
- Design, packaging for high fidelity electrical and optical coupling, testing at Wafer and component level.
- Applications Aerospace, Space, shipboard, automotive, and high-performance computing
# Micro-Rel Linecard

## High Voltage Ceramic Capacitors

- Power Supplies for Avionics, Radars and High Temperature Electronics.
- Radial Leded High Voltage Multilayer Ceramic Capacitors (MLCC) for Space Level High Reliability
- Multilayer Ceramic Radial Leded, Chip, Surface Mount, and Disc Capacitors in a variety of styles.

## RF modules and sub-systems

- High-quality engineering solutions and services for Radio communication, high-frequency and microwave
- VHF frequencies up to mm-wave range for industrial, military and aerospace.
- Chip integration, fabrication of hybrid modules and space products.

## Diodes for Avionics, Medical and Industrial

- Used for a variety of applications including LCD displays, telecom equipment.
- Power supplies, industrial and aircraft industries which have demanding reliability and quality requirements.
- Diodes in all state of the art packages.

## Microelectronic components and Electromechanic systems development

- Rad-Hard Microelectronics ASICs and FPGAs, LVDS Driver and Receiver
- ACTUATORS (linear, rotary, hold down and release...) Space qualified
- Spaceflight sensing systems

## Radiation Hardened Standard components

- SRAM in various configurations 4Mb, 16Mb, 64Mb monolithic IC
- Radiation-hardened PROM anti-fuse technology 256Kb configuration 3.3V or 5V operation.
- Radiation-hardened FPGAs RH1020B and RH1280B
- SpaceWire ASIC and System on Chip (SoC)
Electronics on your fingertips

MARKETS

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