

Empower Connectivity: **Essential Electronic Components for Tactical Communication**

electronics ■ mechanics ■ interconnect

saca
— europe sp. z o.o. —

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Insulated Wire

Low loss Coax - Cable Assemblies
up to 67GHz

EUROQUARTZ

Euroquartz

Frequency Solutions



MtronPTI

Packaged Quartz Crystals -
Clock Oscillators - VCXO, TCXO, OCXO -
Modular Timing Solutions and
Various Filter Product - LC -
Cavity - Ceramics



Omnetics

Miniature Micro D - Nano D -
Power & Signal Hybrids Connectors



Micropol

Expanded Beam Fiber
Optic Connectors & Cables



Unique Amplifier with Innovation

Amplivisions

Power Transistors &
Amplifiers



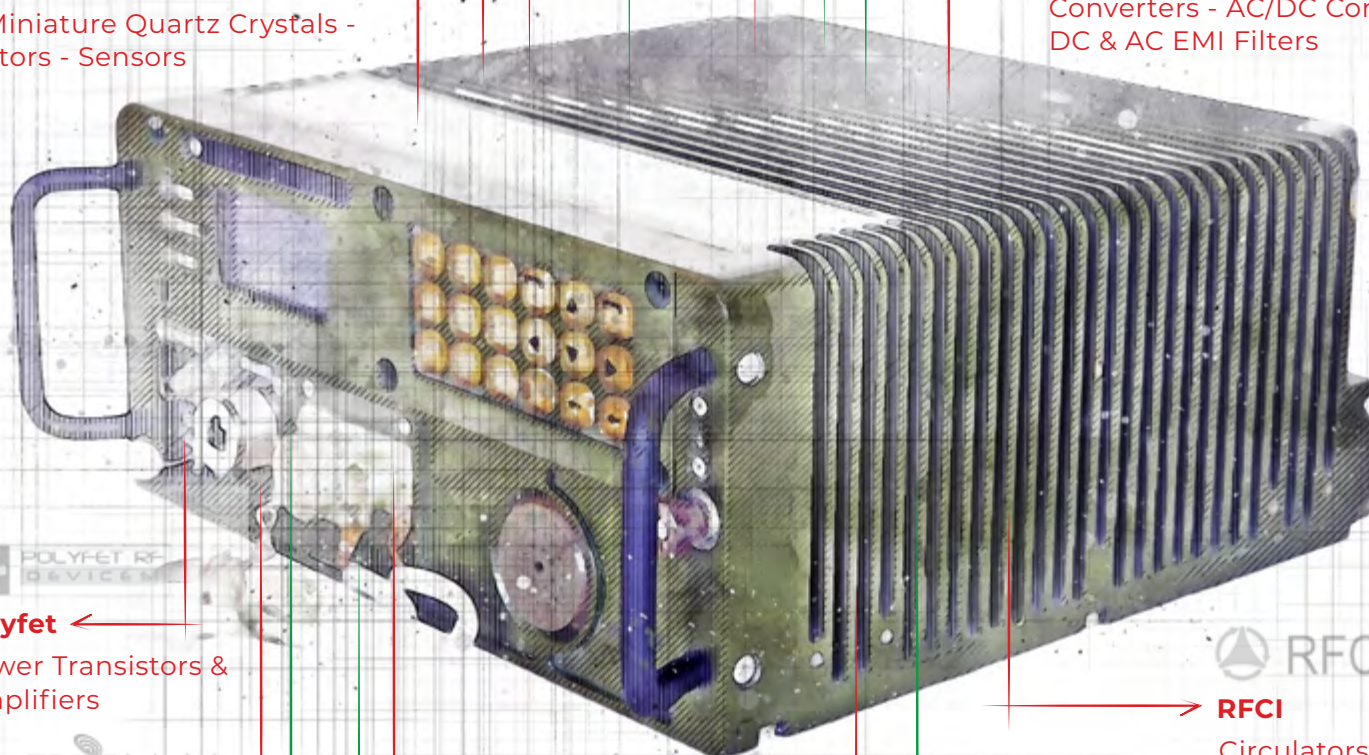
Statek

Ultra Miniature Quartz Crystals -
Oscillators - Sensors



SynQor

Ruggedized DC/DC Power
Converters - AC/DC Converters -
DC & AC EMI Filters



Polyfet

Power Transistors &
Amplifiers



MAC

Ceramic Filter -
Ceramic & GPS
Antenna



RFCI

Circulators -
Isolators



Marki

Amplifiers - Couplers -
Equalizers - Filters -
IQ Mixers - Mixers -
Multipliers - Power
Dividers - Attenuators -
Limiters



IEH

Hyperboloid Contacts -
Hyperboloid PCB Connectors



EMI Solutions

EMI Flex Filter Inserts -
EMI Filtered Connectors



Konnect RF

Connectors - Custom Cable Assemblies -
DC Blocks - RF Switches



SECO

Edge Computing - IoT - AI -
COM HPC - SBC Modules

■ electronics ■ interconnect

SYNQOR



Ruggedized high power density, low EMI, high efficiency, and compliance with military standards.

Usage

Reliable power supply for communication systems.

Unique Features

High efficiency, high power density, compact size, low weight, rugged design, wide input range, low EMI.



MTRON



Offers a wide range of high-precision frequency control products and RF filters known for their reliability in managing communication system frequencies.

Usage

Critical for managing frequencies and filtering unwanted signals in communication systems.

Unique Features

Offers a wide range of frequency control products with high precision and reliability.



MARKI MICROWAVE



Supports multiple form factors including die, surface mount, and connectorized solutions for the entire RF block diagram from DC to sub-THz frequencies.

Usage

High frequency and broadband products for RF and microwave applications.

Unique Features

Offers low loss and high-efficiency connector, SMD, and bare die solutions in small sizes.



AMPLIVISIONS



High power output, low noise, wide bandwidth.

Usage

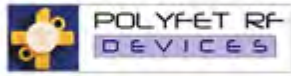
Ideal for robust signal processing.

Unique Features

Delivers high power output and wide bandwidth, crucial for robust and versatile radar signal processing.



POLYFET



High power output, low noise, wide frequency range, high efficiency.

Usage

Ideal for high-power signal transmission.

Unique Features

Provides high power output and low noise, essential for strong and clear signal transmission in radar systems.



RFCI



Offers circulators and isolators with low insertion loss and high isolation performance, ensuring minimal signal degradation in high-frequency communication systems.

Usage

Used in high-frequency communication systems to manage signal direction.

Unique Features

Offers low insertion loss and high isolation performance, ensuring minimal signal degradation.



MAC TECHNOLOGIES



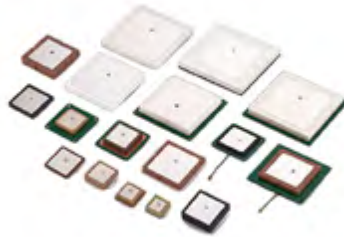
Provides customizable RF filters and antennas known for their high performance and clear signal transmission in communication devices.

Usage

Essential in filtering and transmitting RF signals in communication devices.

Unique Features

Known for customizable solutions and high-performance filters that ensure clear signal transmission.



STATEK



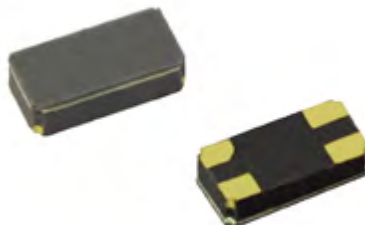
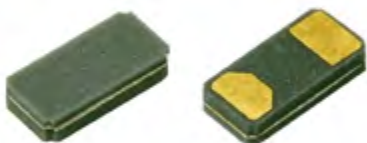
Renowned for its miniature, rugged frequency control products that deliver precise frequency management even in extreme conditions.

Usage

Utilized for precise frequency control in communication devices.

Unique Features

Renowned for miniature and rugged frequency control products, suitable for extreme conditions.



EUROQUARTZ



Provides high-stability oscillators and frequency control devices focused on low-phase noise, ensuring accurate frequency standards in tactical communications.

Usage

Key for maintaining accurate frequency standards in tactical communications.

Unique Features

Provides high-stability oscillators and frequency control devices with a focus on low-phase noise.



SECO



High performance, low power consumption, wide range of applications.

Usage

Ideal for efficient data processing in tactical communication systems.

Unique Features

Offers high performance and low power consumption, critical for efficient data processing and long operational periods in tactical communication systems. Various form factors and compact system solutions.



OMNETICS



Known for compact and lightweight connectors with robust micro and nano configurations, ideal for communication equipment.

Usage

Omnetics is used in space applications for its high-reliability micro and nano connectors essential for communication systems, instrumentation, and control systems in spacecraft.

Unique Features

Miniaturization: Offers extremely small, and lightweight connectors and high-density connections, designed to endure the harsh conditions of space, including extreme temperatures and radiation. Also, provides custom connectors and harnessing solutions, and high resistance to vibration and shock, ensuring stable and reliable connections throughout the mission.



MICROPOL



Delivers innovative expanded beam technology for fiber optic solutions, known for high-speed data transmission, resilience, and low maintenance.

Usage

Ensures high-speed and secure data transmission in communication systems.

Unique Features

Offers innovative expanded beam technology for fiber optic solutions, known for its resilience and low maintenance.



KONNECT RF



Specializes in high-frequency connectors that offer excellent electrical performance and durability, ensuring secure and reliable connections.

Usage

Ensures secure and reliable connections in communication systems.

Unique Features

Specializes in high-frequency connectors with excellent electrical performance and durability.



INSULATED WIRE



Provides customized cable assemblies with high voltage and temperature ratings, suited for RF applications and test equipment.

Usage

Essential for signal transmission and connectivity in communication systems.

Unique Features

High-performance insulated wires with excellent thermal and mechanical properties.



IEH



Features hyperboloid contact technology in its connectors, providing low insertion force and high reliability for tactical communication applications.

Usage

Facilitates reliable electrical connections in various tactical communication applications.

Unique Features

Known for hyperboloid contact technology, providing low insertion force and high reliability.



EMI SOLUTIONS



EMI Solutions specializes in advanced shielding products from electromagnetic interference, ensuring seamless operation.

Usage

EMI/RFI filtering and suppression in electronic assemblies.

Unique Features

Customized solutions tailored to specific application requirements, high attenuation performance across wide frequency ranges.



SynQor®

Mtron™

Marki®
microwave

AmpliVisionS
Unique Amplifier with innovation

POLYFET RF
DEVICES

RFCI
RF Circulator Isolator, Inc.

mac technologies

STATEK®
Est. 1979

EURO QUARTZ

GREENRAY

SECO

OMNETICS
CONNECTOR CORPORATION

MICROPOL

Konnect RF

IWI INSULATED WIRE
INCORPORATED

IEH

EMI
SOLUTIONS INC

Empower Connectivity:
Essential Electronic Components for Tactical Communication

SACA
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P O L A N D

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