

# PA / NJ LINECARD

## RF / mmWave Solutions



[www.atekmidas.com](http://www.atekmidas.com)

- ◆ Analog, mixed-signal silicon ASICs & RFICs and advanced GaAs and GaN MMICs and modules
- ◆ Over 50 Catalog MMIC Products—Die, SMT & Modules
- ◆ High Performance MMIC Filters
- ◆ UWB RFICs, WiFi7 & X-Band FEMs
- ◆ LIDAR AFEs, TIAs, Laser Drivers, CDRs, PFDs
- ◆ OTA Test Subsystems for Radar/Comms



[www.GwayRF.com/](http://www.GwayRF.com/)

- ◆ 25 year+ legacy in designing and manufacturing application specific / custom build to spec for defense systems globally
- ◆ Pallet/Modules to Rack/Bench Unit assemblies and combined Rack Units into extremely high output power solutions
- ◆ Low Noise/High Dynamic Range, Driver and Medium Power, High Power HPA's and Signal Conditioning solutions
- ◆ Designed/Built in USA, Certified Small Biz



[www.microtech-inc.com](http://www.microtech-inc.com)

- ◆ Waveguide Assemblies—Flexible and Rigid for Military, Aerospace and commercial applications
- ◆ Couplers, Rotary Joints, Terminations, and Components



[www.remtec.com](http://www.remtec.com)

- ◆ Advanced metallized ceramic circuits, substrates, components & packaging
- ◆ Al<sub>2</sub>O<sub>3</sub>, AlN, BeO, Si<sub>3</sub>N<sub>4</sub>, & other materials using Active Metal Braze, Direct Bond Copper, Thick Film
- ◆ Ideal for thermal challenges of HPSP, optoelectronics, semiconductor manufacturing systems, others
- ◆ Design-built, build-to-print, USA-based

## Optical, System & Test



Advanced  
Conversion  
Technology

ACT Now for Superior Power

[www.actpower.com](http://www.actpower.com)

- ◆ AC-DC, COTS, DC-DC Power Supplies
- ◆ MILITARY Grade Aerospace (MIL-STD-704), Shipboard (1399), Ground (1275), Comms, 810, 461 and MIL-S-901
- ◆ Up to 35,000 VDC; Single/3 phase power factor conversion—power factor 0.99 and THD of <3%

MOOG

COTSWORKS™

[www.cotsworks.com](http://www.cotsworks.com)

- ◆ High-speed optical transceivers up to 40 Gbps, supporting parallel QSFP-based & SFF architectures
- ◆ Rugged optical interconnect assemblies, including expanded beam termini and MIL-style connectors
- ◆ Avionics-focused test equipment and custom rugged optical subassemblies (BOSAs, TOSAs, ROSAs) for embedded and packaged optoelectronic applications



A Photonics Foundries Enterprise

[www.ortel.com](http://www.ortel.com)

- ◆ Microwave Transmitters, Receivers, Lasers and Photodiodes
- ◆ Fiber Optic Delay Lines and RF Fiber Optic Links up to 60 GHz
- ◆ Micro Erbium Doped Fiber Amplifiers (EDFA)

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