



Genmix Technology is a leading supplier of high performance microwave products. Our products utilize a mix of the latest advances in MMIC device technology and proprietary analog/digital technologies.

With our Innovative, Well-Experienced Technical Design Capabilities, **Genmix Technology** be a leading cost-effective provider of RF / microwave products such as Out-Door-Units, RF Front-ends, RF Units, Transceivers, Up/Down Converters, C/X/Ku/Ka Band SSPA and BUCs, Wide-band High Power Amplifiers and Most RF/Microwave Modules and Sub-systems for applications ;

WIRELESS COMMUNICATIONS:

PTP and PTMP Radio Links
VSAT / SATCOM ground terminals
5G BTS / LTE Backhaul and Fronthaul

DEFENSE / SECURITY SYSTEMS:

Anit-IED Systems
Communications / UAV Data Links
Electronic Warfare / Radar Systems

INSTRUMENTATION:

Industrial
Medical
Test and Measurement

WIRELESS SENSOR NETWORK:

Security
Intelligent Traffic System
Radar Sensor Network



▪**Satellite Communication**

- C/Ku/Ka Band BUCs, HPAs, LNAs, LNBs, Up/Down Converters
- RF Products for VSAT / 2-way SatCom System
- Up Converters & Linearizers for TWTA
- In-Flight, SNG, Maritime, OTM, Flyaway, Driveaway, Portable



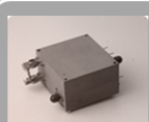
▪**Defense Applications**

- High Power Amplifiers for IED Jamming
- Tx/Rx/Transceiver Modules & Pulsed HPA for Radar & EW
- RF Modules for Communication
- Customized RF Modules with digitally control functions



▪**Terrestrial RF & Microwave Communication**

- Outdoor Units (ODUs) for DMR and Microwave Repeater System
- Tx/Rx/Transceiver Modules for DMR Radio / Microwave Wireless LAN
- Mobile Wireless Back Haul Link
- OEM Radio Systems - IP based / 310Mbps High Data Rate



▪**Wireless Sensor Network & General Microwave Applications**

- RF Front-end/System for WSN
- Microwave Power Amplifiers
- General Microwave Devices - Oscillator, Synthesizer, Multiplier, etc.
- Special Test Equipment
- Customized Modules/Sub-systems

Products

Genmix Technology is a leading supplier of high performance microwave components and devices. Our products utilize a mix of the latest advances in MMIC device technology and proprietary module designs. Our product philosophy is to combine advanced production ready device technology with our extensive module library and design capability to offer our customers the highest performance, quality, availability, and cost competitive solutions.

Genmix Technology's Products operate over 10 MHz to 90 GHz. These products line-up consists of Solid State Power Amplifiers (SSPA), Low Noise Amplifiers (LNA), Intermediate Power Amplifiers (IPA), Up and Down Converters, Transceiver Modules, RF Units, Front-ends, Filters, and Antenna assemblies. Genmix Technology's products are designed specifically for service in 5G Mobile Networks, Point-to-Point Radio (PTP), Radar Systems, Jamming Systems, Car Telematics and V2X Systems, and fixed/mobile satellite terminals operating in S, C, X, Ku, K, DBS, and Ka band satellite communications. Our X-Band, Ku-Band, 24GHz ISM Band, and Ka-Band Power Amplifiers are used in commercial and military Radars. Genmix Technology's wide band octave and multi-octave bandwidth products find applications in military EW, Anti-IED Systems, and Test and Simulation equipment.

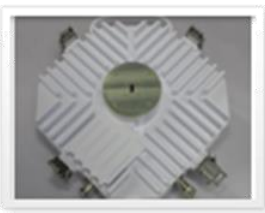
Genmix Technology utilizes "building block" approaches and Hybrid process technologies. We use standard design modules assembled in compact aluminum connectorized housings and/or drop-in type, carrier module assemblies, and single board assemblies which are then aligned and tested to meet our customer's overall active component specifications.

This approach allows SSPD to supply components that are customized to meet our customer's applications and specific system requirements.

The Genmix Technology catalog on this website covers many standard products in all our product categories. If you cannot find a standard product that meets all your requirements, please consult the factory to discuss our capability to provide your exact requirements.

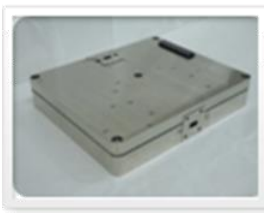
Genmix Technology's products are typically customer specified and likely represent the most cost effective way to procure high performance products that meet program cost targets.

Front-ends



Digital Microwave Radio /
Microwave Repeater

SSPAs



S / C / X / Ku / K /
Ka-band for satellite
Communications

HPAs



Broadband HPAs for
Anti-IED, Jammers,
ISM applications

BUCs



High Power BUCs for
C/X/Ku/Ka-band VSAT
applications

Transceivers



Transceivers/Up&Down
Converters for PTP,
Radar, Communications

