



BRIDGING NEEDS FOR MUTUAL BENEFITS

JANUARY, 2019

V2.0

About US

We, **CTW (CoTechWave)**, are a leading supplier of high performance RF/microwave, BT, and IoT products through faithful manufacturers.

Our mission is to **share and achieve** our clients' goals by **providing right solutions**. We also target to accomplish our mission via faithful partners, reliable products, quality assurance, competitive price, effective process, and efficient program management.

We are highly focus on COTS as well as Customized RF/Microwave products in Satellite/Mobile communication, Radar, Defense, Bio Industry, IoT, and Industrial applications.



Reliable

Our partners' products are trustworthy in worldwide industrial level by meeting ISO 9001, ISO14001, AS9100, IPC/J/Mil standards along with growing long-term relationships with our customers.



Experience

Our partners' engineering has experienced in multiple industries, but focus on RF/Microwave, BT, and IoT to capture the most utilization of proven technology and its own development.



Solutions

We endeavor to acquire your maximum satisfaction while offering a variety of solutions. Yet, we also offer a competent level of customizations as needed.



Cost-effective

Our partners' products are committed to offer the best solutions while saving your time in development and cost on the top of diverse demands.

Business Area & Applications

Offer variety of **innovative technologies and products**

- **SSPA/HPA**
- Transceiver, Up/Down Converter
- **BUC/LNB**
- TRM/Receiver
- **Filter/DPX/Mux/SFB/OMT/Feeder**
- Antenna
- **Synthesizer/Oscillator/XO/VCO**
- RF/Microwave Module and Subsystem/System/Equipment
- **Motion Sensor/Radar Detector**
- RFIC/MMIC & Fabless Design Service
- **COTS/Catalog Products/ Customized Products**
- BT NMR Spectrometer / IoT Products



Mobile Communications

- HPA/LPA/TR Modules and RF Front-end for 5G network
- Mobile Hot Spot Network
- Mobile Wireless Back-haul Link / Repeaters
- RFIC/MMIC & Design Service



Military/Defense/Safety

- EW/Jammer/Radar/UAV/Airborne applications
- Wideband Receiver/Synthesizer/ Amplifier/Front-end solutions
- Instrumentation/ATE/Special Test Equipment, Filters/Diplexers
- ILS/VOR Analyzer



SatCom / Broadcasting

- C/X/Ku/Ka Band BUC, SSPA, LNB, Filters, OMT for Satellite Two-Way Communication System / VSAT / OTM Terminals
- RF Front-ends for In-flight Internet Access System



Radar / Security

- PSR / SSR Radar, Medium/Short haul Surveillance Radar
- Industry : Motion Sensor, Distance/Velocity/Direction, Smart Highway, Radar Detector
- Collision Avoidance, Imaging



BT/Audio/IoT/Customized

- BT NMR Spectrometer
- Digital Wireless Microphone Systems
- IoT Products/Sensors
- Customized Products and Solutions
- Software Development

Biography

Experience : 26years +

**Specialty : Technical Sales with
RF/Microwave engineering
background**

Highlights :

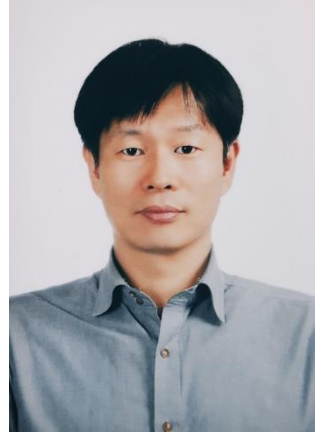
- **Understanding of RF/Microwave and Related System Engineering**
- **Program Management**
- **Various networks for customers and manufacturers**
- **Technical/Commercial Proposals**
- **Defense/Military Programs**
- **HMIC Process**
- **Experienced in Space-grade Products**

K A B Y O H
C E O

Kaby has been in RF/Microwave industry for 26 years holding senior operational and technical sales roles within Genmix Technology, Karmel Technology, AlanBridge, TGE, Broadern, Millitron, and Hyundai Electronics.

He established CoTechWave in Aug., 2018 for representing reliable manufacturers and supporting valuable customers with mutual benefits.

Kaby is a qualified electronics engineer and holds related certifications in RF/Microwave industry.



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Gyeonggi-do, 16888 Korea

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C O T E C H W A V E . C O M

What we do?

I. Connecting Suppliers and Customers

Suppliers

- RF/Microwave Components
- RF/Microwave Modules, Sub-systems, and Systems such as;
 - Antenna/Feeder
 - HPA/SSPA/LPA
 - BUC/LNB
 - Filters/Duplexers
 - Up/Down Converters, TRM
 - Oscillators/Synthesizers/VCO/XOs
 - Passive Parts/Test Accessories
 - Front-end/Sub-systems/Systems
 - Radar Detector Systems and Modules
 - Test Equipment
 - Customized Products
 - BTS/BTP(ODM/OEM)
 - BT/IoT Products
 - RFIC/MMIC & Fabless Design Service



- REPRESENTATIVE
- DISTRIBUTOR
- BUSINESS DEVELOPMENT
- PRODUCTS DEVELOPMENT
- DEVELOP SALES CHANNEL
- MATCH NEEDS
- PARTNERSHIP
- JOINT VENTURE
- OPERATE ODM FOR OVERSEAS CUSTOMERS

Items for Customers

- Catalog & COTS Products
- Pin-to-pin Replacements
- Customized/Tailored Products with minimum NRE
- Realize Conceptual Products
- Build to Customer's Specifications (ODM model)
- Build to Customer's Document (OEM Production)
- Commercial Products
- Provide total solutions
- Strategic Partnership

I-1. Suppliers List

Code	Company	Products and Technologies
<ul style="list-style-type: none"> ▪ P1 ▪ P2 ▪ P3 ▪ P4 ▪ P5 ▪ P6 ▪ P7 ▪ P8 ▪ P9 ▪ P10 ▪ P11 ▪ P12 ▪ P13 ▪ P14 ▪ P15 	<ul style="list-style-type: none"> NexGenWave Atron Dnet Radioville Innertron Broadern Infinitech RFPT Wavetrack Kavics Global Konet M3Sys PaxDisk HenetSys Maru Technology 	<ul style="list-style-type: none"> ▪ BUC : SatCom / VSAT / Maritime / Terrestrial Datalink ▪ LNB/LNA/BDC : SatCom / VSAT / Maritime / DTH ▪ Microwave Radar Sensor Module and Radar Detector ▪ RF/Microwave products/Synthesizers for Defense and Industrial Markets ▪ Filters/Duplexers/PIMD Tester/Sub-systems and Systems/Ceramic Products ▪ RF/Microwave/mm-wave Products for EW and Radar Systems ▪ SSPA modules and systems and Wideband amp for Jammer/EMC/BTS Applications ▪ High Power Generator for Plasma Process & Accelerator, SSPAs & Spatial Combiners ▪ SSPA, RFIC/MMIC & Fabless Design Service for RF/Microwave Applications ▪ ILS/VOR Signal Analyzer and Drone Applications ▪ VSAT RF Terminals for Ku/Ka-band and Flat Array Antenna ▪ Special LC, PCB, Cavity and Waveguide Filters/Multiplexers/OMTs/SFBs ▪ Flash SSD Products for Military and FPGA FM Tuner/NMR Spectrometers ▪ Customized RF/Microwave Products and Total Solutions ▪ Customized Antenna/RF System Solutions

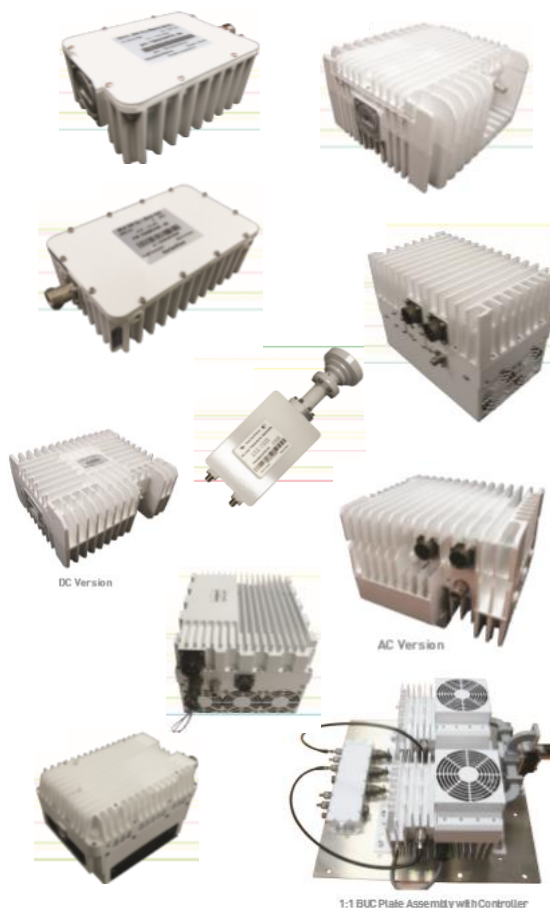


NexGenWave

NexGenWave is a leading manufacturer of VSAT RF Terminal products such as C/X/Ku/Ka-band BUCs.

Company Profile

- CEO: Dr. Kyung-bae Chough
- Location: Seongnam, Korea
- Web: www.nexgenwave.com
- Since 1998
- Capacity: 3K units/month
- Customers: major system integrators for industrial and military over the world
- CE/ISO9001/RoHS Certified
- SWaP design/Automated Test
- Fast lead-time and competitive price
- Proven field MTBF and low failure rate



BUC Products

- Ku: 2/3/4/6/8/10/16/20/30/40/50W
Mini version as well for
2/3/4/6/8/16/20/25/40W
AC opt. 16/20/30/40/50W
3W Transceiver with feeder
- C: 2/5/10/20/25/30/40/50W
AC opt. 20/25/30/40/50/80/100W
- Ka: 2/4/7/16W
- X: 10/20W
- Special Band: 10.7-11.5G/11.7-12.5G/12.25-12.75G/12.75-13.25G/14.8-15.4GHz
- 1:1 Redundancy System
- Customized BUC

Company Profile

- CEO: Gyeong-ho Shin
- Location: Seoul, Korea
- Web: www.atrone.com
- Since 1999
- Capacity: 100K+ units/month
- Customers: major system integrators for industrial applications over the world
- CE/ISO9001/RoHS Certified
- Automated Test
- Commercial Off-the-shelf
- Proven field MTBF and low failure rate

LNB



LNA



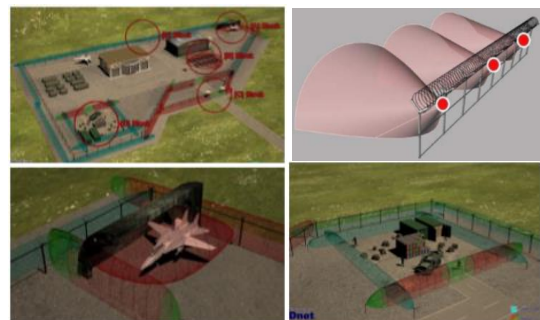
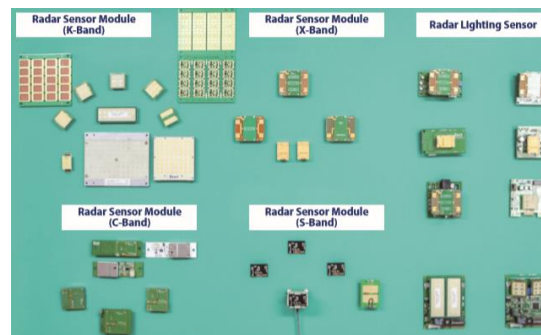
LNB/LNA/BDC Products

- Ku: PLL / External Ref.
Dual band / Qual band
- Ka: PLL / External Ref. / DRO
Dual band / Triple band
- C: PLL / External Ref.
- LNA : C / X / Ku / Ka-band
Waveguide Input
- BDC : C / X / Ku / Ka-band
Coaxial Input
- Competitive Price with fast leadtime
by COTS and mass production
capacity

Dnet is a leading manufacturer of Microwave Radar Sensor, Motion Sensor, Lighting Sensor, and Security Detector Systems .

Company Profile

- CEO: Stanley Park
- Location: Daegu, Korea
- Web: www.dno.co.kr
- Since 1987
- Capacity: 50K units/month
- Customers: major system integrators for industrial applications over the world
- CE/ISO9001 Certified
- COTS and Mass Production
- Proven field MTBF and low failure rate



Radar Sensor Products

- Microwave Barrier Radar Detector
- IR & Radar Dual Security Detector
- Double Quad PIR & Microwave Outdoor Detector
- Graphic User Interface and Network Management
- Lighting/Door Sensor
- K-band Radar Sensor Module
- X-band Radar Sensor Module
- C-band Radar Sensor Module
- S-band Radar Sensor Module
- Range Detection Sensor
- Speed Detection Sensor
- Low Power Consumption

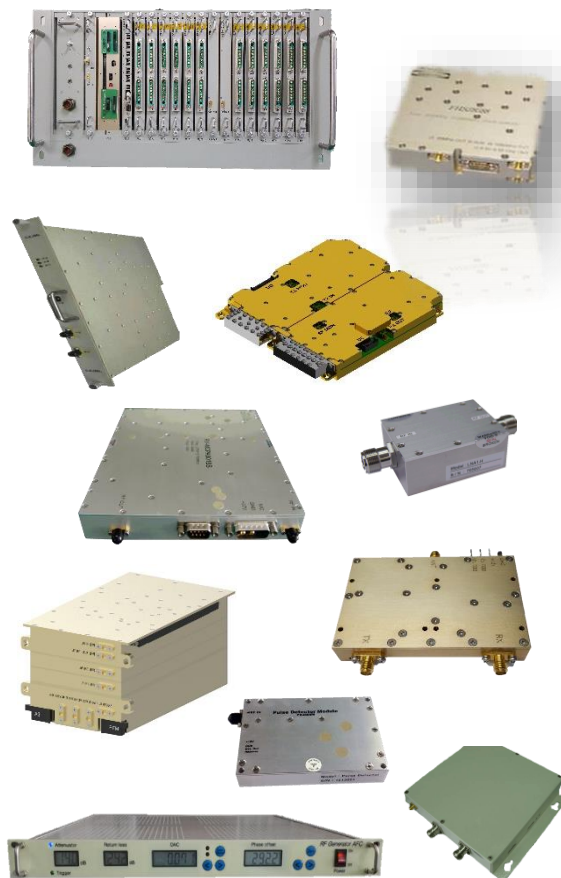


Radioville

Radioville is a leading manufacturer of RF/Microwave products for Defense and Industrial markets.

Company Profile

- CEO: Dr. TH Kim
- Location: Anyang, Korea
- Web: www.radioville.com
- Since 2000
- Customers: major system integrators for domestic military and industrial markets
- ISO9001/CE/FCC/RoHS Certified
- Strong for customized products and technology



EW/RF/Microwave Products

- Radar for Guided Munitions ;
Wideband Synthesizers /
84ch Waveform Generator
- UAV monopulse radar products ;
Up/Down Conv. / Processor Unit /
Beacon transmitter /
Switching module
- Portable MilSat Terminal products ;
Freq. Converter / Transceiver
DAMA Freq. Converter
- Industrial Market ;
HPA/LPA/LNA/Repeater/Pulse Power
Detector/AFC/Front-end Unit

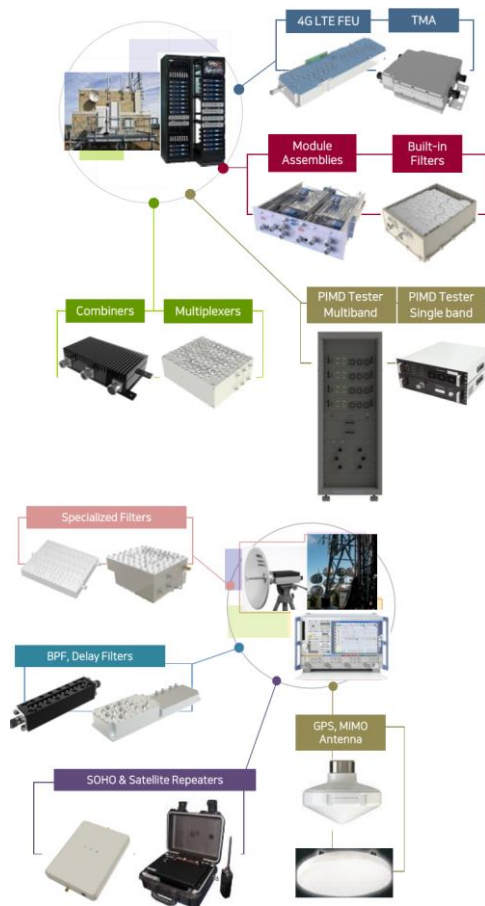


Innertron

Innertron is a leading manufacturer of Filters/Duplexers/PIMD Tester/Active Sub-systems and Systems/Ceramic Products.

Company Profile

- CEO: HR Cho
- Location: Incheon, Korea
- Web: www.innertron.com
- Since 2002
- Customers: major system integrators for industrial and service providers for telecommunications over the world
- Overseas sales offices in Tokyo (Japan)/Bangkok (Thailand)/USA
- ISO9001/14001 Certified



Products

- Filters/Duplexers/Multiplexers ; General Filters & Duplexers for Telecommunications Network/ Specialized BPF+BRF Duplexers/Small Cavity Filters/ Filters for Broadcasting Systems
- TMAs / Amplifiers ; 4G LTE Front-end Units/ Tower Mounted Amplifiers/ Combiners
- RF Integrated Assemblies and Front-end Units/RRH Sub-systems

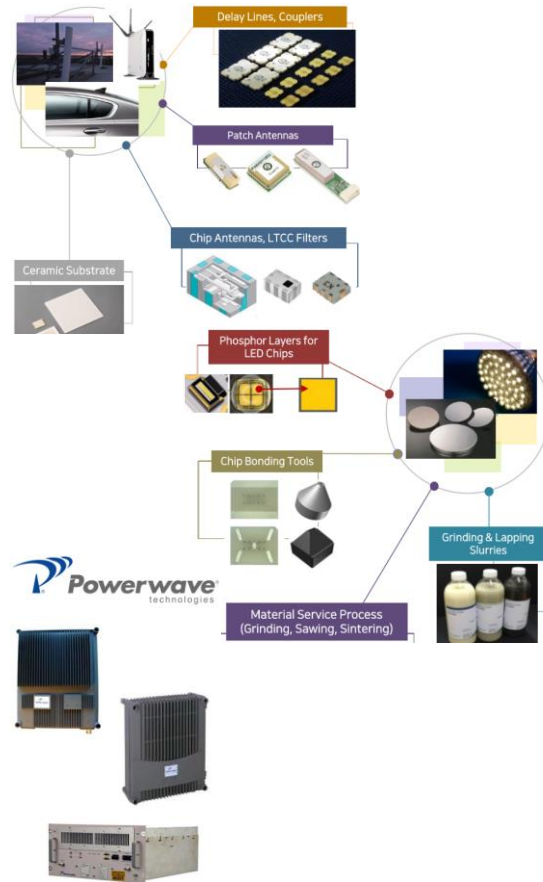


Innertron

Innertron is a leading manufacturer of Filters/Duplexers/PIMD Tester/Active Subsystems and Systems/Ceramic Products.

Company Profile

- 177,500 square feet facility
- 16,500 units/month capacity
- 115 employees w/o overseas sales office (as of Aug., 2018)
- \$33M revenue (yr. 2017)
- Located in Free Economic Zone and huge industrial complex near Int'l airport and port
- Superb logistics and maximum utilization of industrial infrastructure
- 100+ patents filed



Products

- PIMD Test Equipment ; Standard Single Band/Customized 2-tones/Customized Multi-Band PIMD Test Equipment/ Full Automated Equipment
- PowerWave coverage products including RMA ; Acquired July, 2018
- DAS Systems and Repeaters ; Active DAS POI/Amp Units/ Supporting all 3GPP config. and Passive Products



Innertron

Innertron is a leading manufacturer of Filters/Duplexers/PIMD Tester/Active Sub-systems and Systems/Ceramic Products.

Company Profile

- Strong for Customized RF & Microwave Components Systems and Sub-systems



VOCALLUX 100



Products

- Ceramic Components ;
Delay Lines/Couplers/
Patch Antenna/Chip Antenna/
LTCC Filters/Ceramic Substrates
- Electronic Components ;
Phosphor Layers for LED Chips /
Process Service
- Satellite Repeaters ;
Inmarsat and Iridium
- SOHO Dual Band Repeater
- Digital Wireless Microphone System ;
Transmitter(Microphone)/Receiver/
Extension Ant./Distribution System



Broadern

Broadern is a leading manufacturer of RF/Microwave/mm-wave Products for Electronic Warfare and Radar Systems.

Company Profile

- CEO: YE Kim
- Location: Dongtan, Korea
- Web: www.broadern.co.kr
- Since 2004
- Customers: major system integrators for overseas and domestic military markets
- ISO9001 Certified / AS9100
- Specialties in Radar / ELINT / IFF / SSPA / TRM for Airborne applications
- Strong for customized products and technology



EW/RF/Microwave Products

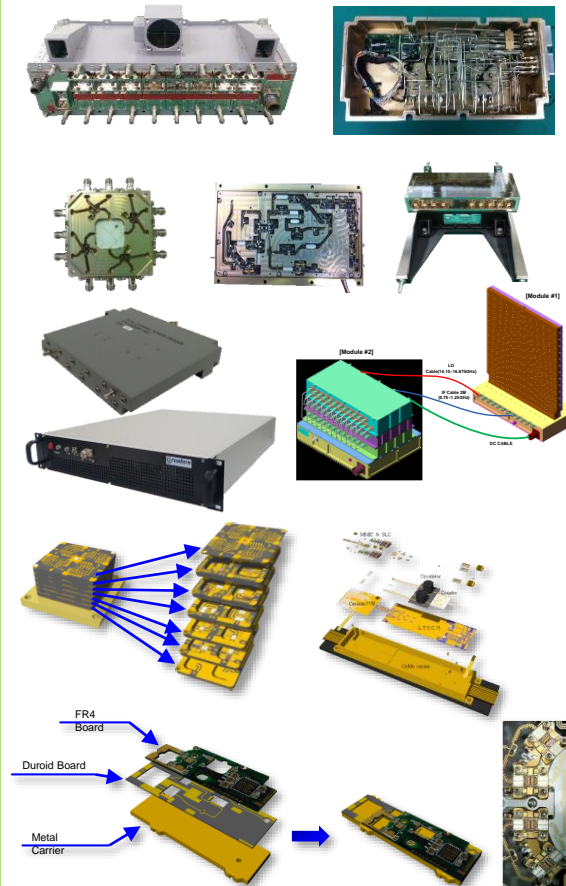
- AESA/Surveillance/Tracking Radar ; S/X/Ku-band TRM
- High Power Transmitter
- S-band 1.5KW SSPA
- TAC-ELINT POD / AWACS ;
- Wideband Receiver / Beacon transmitter / Switching module
- PAR ; X-band 10Watt TRM
- DBMB Radar ;
- Tx/Rx module / Digital Receiver
- Tracking Radar ; Ku-band 2KW SSPA
- APS Radar ; Ka-band SSPA
- IFF ; UPC / PLDRO / DNC / SSPA



Broadern

Brodern is a leading manufacturer of
RF/Microwave/mm-wave Products for Electronic
Warfare and Radar Systems.

- Qualified and registered supplier for IAI/Elta and Hanwha Systems(ex Samsung-Thales)
- Participated in Defense Offset Program
- 54,000 square feet facility
- 1,000 class and 10,000 class cleanroom
- Associated company : Memspack (automated chip & wire process)
- Automated test equipment and automatic die/wire bonder



EW/RF/Microwave Products

- Satellite Transponder ;
PLDRO/UPC/DNC/LNA for EM/EQM
- Seeker Guided Munitions ;
Ka-band / W-band TRM and Synth.
- TICN ; TMMR module
- UAV monopulse radar Products ;
Up/Down Conv. / Processor Unit /
Beacon transmitter /
Switching module
- EW Jammer ;
VHF 2KW / UHF 1KW HPA
- RF/mm-wave Switching Matrix
- ABF ; S-band 200W TRM
- 6-12GHz 50W SSPA Rack

Infinitech is a leading manufacturer of SSPA modules and systems for Jammer/EMC/Test/Terrestrial Applications.

Company Profile

- CEO: Harrison Huh
- Location: Anyang, Korea
- Web: www.infini-tech.co.kr
- Since 2008
- Customers: major service providers in Korea and Overseas customers, and ODM for US based major company
- ISO9001 Certified
- Fast lead-time and competitive price
- 90+ yrs. eng. experience
- 15K+ units installed



SSPA Products

- LTE/CDMA/GSM/WCDMA HPA and LPA with feedforward ;
8 to 45W HPA / 60 to 180W LPA
- DTV Broadcasting Amp ;
470-806MHz 40-150W HPA module
- DMB Broadcasting Amp ;
180-210MHz 5-250W HPA Rack
- EMC and Test Equipment ;
broadband (500KHz-6GHz) 10 to 200W HPA rack system
- ISM Amp ; 50-500W HPA module
- Test Amp ; 700..2300MHz 100W HPA Rack
- GSM/EGE/CDMA/WCDMA/TDMA ; MCPA System / TMB
- High Efficiency / Doherty / DPD / LDMOS / MOSFET / GaN



RFPT

RFPT is a leading manufacturer of High Power Generator for Semi-conductor Process Equipment and Accelerator, SSPAs and Spatial Combining Technology.

Company Profile

- CEO: Dr.Dongheon Lee
- Location: Anyang, Korea
- Web: www.rfpowertech.co.kr
- Since 2010
- Customers: major system integrators for industrial, military, and scientific markets over the world
- ISO9001/CE/Semi F47 Cert.
- Strong for Power Generator for Plasma/Laser Marker/Accelerators/Transmitters for Radar/Spatial Combiners/customized products

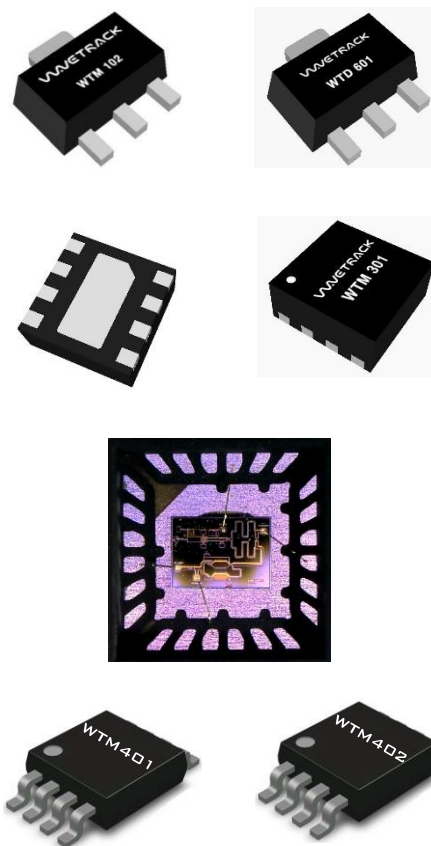


SSPA Products

- Products for Plasma Process ;
RF Generators - 13.56MHz 300W to 5KW with fast matching time
RF Matcher - 13.56MHz/27.12MHz/2MHz
Remote Plasma System – 9KW
VI Probe/RF Filter/Switch/Dual Generator
MF Generator & Auto Matching Box
Variable DC Pulse Power for ELID
- Products for Laser Markers ;
RF Dr. – 20/27.12/40/40.68/50/68/80/150MHz
- Products for Particle Accelerator ;
VHF 7KW/S-band 1KW/X-band 1KW SSA
S-band Dual Pulse SSPA
UDC/Clock Module for S & X-band
81.25MHz 4KW/162.5MHz 6KW/325MHz 7KW
- 2.856GHz 1KW/11.424GHz 1KW SSPA
- Ku-band 5ch. Radar UDC / VHF 2KW TRM
- High Power Combiners : Radial/Spatial/WG

Company Profile

- CEO : Dr. Young-hwan Kim
- Location : Seongnam, Korea
- Web : www.wavetrackinc.com
- Since 2014
- Custom design for
MMIC/RFIC from L band to K
band
- Specialized design in
compound semiconductor
- Strong reliability test from -
40°C to +105 °C
- Accurate quality test using
automatic test system



Products

- **RFIC/MMIC design**
- **Active & Passive component design**
- **Mass Production**
 - Gain block (SOT-89)
 - : WTM1series : 5~6000MHz
 - Mixer (MSOP8)
 - : WTM401 : 0.7~1.4GHz
 - : WTM402 : 1.7~2.7GHz
- **Customized RFIC/MMIC**
 - 5MHz ~ 40GHz
 - Active components
 - High power TR
 - High linearity/Low noise LNA
 - High linearity Mixer
 - Passive components
 - Directional coupler
 - Divider
 - Attenuator

Wavetrack is a leading manufacturer of RFIC/MMIC/Custom MMIC design and RF modules for RF/Microwave applications.

- 30+ years engineer experience
- Customer : Domestic military, Industrial markets and National Research Institute.
- Specialized in High power amplifier and microwave technology
- Engineering with Customized MMIC/RFIC, High Power Amplifier, Radar System.
- Capability HF to Ka-band



Products

- **Ka-band products**
 - 2Tx, 2Rx transceiver,
 - 20W High Power Amplifier rack
- **Wide band amplifier rack**
 - 20W @ 0.5~2.7GHz
- **High Power Amplifier rack**
 - 5KW @ 2.5GHz (Pulse mode),
 - 400W @ 5GHz (CW mode)
- **Microwave SSPA & LNA module**
 - C, X , Ku band
- **UDC/DUC**
 - 3band in 1 module
 - S,C,X band
- **S, X-band radar module**

Kavics is a leading manufacturer of ILS/VOR signal analyzer and Sensor systems for Drone applications.

Company Profile

- CEO: MB Park
- Location: Yongin, Korea
- Web: www.kavics.co.kr
- Since 2016
- Customers: ILS/VOR measuring service for Int'l/Local/Military airport
- Strong for ILS/VOR requirements and Solutions for Diagnosis/Measuring/Sensing by Drone



	Model no: PIR361
	Size: 195.8X120.6X67(mm) 1:1
	Weight: 1.4kg 1:1
	manufacture: Kavics
	Country of origin : Republic Of Korea
	Model no: EVS-300
	Size: 342X157X219(mm) 7.4:1
	Weight: 5.7kg 4:1
	manufacture: : Rohde & Schwarz
	Country of origin : Germany
	Model no: PNR7020
	Size: 290X190X180(mm) 6.2:1
	Weight: 5kg 3.5:1
	manufacture: Thales ATM
	Country of origin : U.S.A
	Model no: NORMARC7710
	Size: 240X160X140(mm) 3.4:1
	Weight: 4.5kg 3.2:1
	manufacture: Indra Normarc
	Country of origin Spain



VOR field test
@ Osan airbase, Korea
By Kavics / April, 2017

Products

- PIR361 ILS/VOR Analyzer ; most compact and light optimum for using drone
- Proven compatibility with Rohde & Schwarz EVS-300
- 1.62kg weight is only 25-30% of standard R&S/Thales ATM/Indra Normarc analyzers.
- Welcome for partnership
- Provide flexible engineering supports, interface protocol, and tailored service



Global Konet

Global Konet is a leading manufacturer of VSAT RF Terminals and Flat Array Antenna for Ku/Ka-band.

Company Profile

- CEO: YG Kim
- Location: Anyang, Korea
- Web: www.globalkonet.com
- Since 2018
- Customers: major satellite service provider and broadcasting companies in Korea
- Strong for providing optimum solutions for Satellite Communication Service, VSAT terminal for OTM/Drive-away/Portable Applications



Products

- Auto-pointing portable VSAT Terminal ;
Ku-band 8Mbps / up to 40W BUC
- Flat Slot Array Antenna for compact/portable terminal and best stowing
- Partnership for Domestic Market Only with ;
WAN optimization : XIPLINK
Satellite MODEM : NOVELSAT



M3Sys is a leading manufacturer of Special LC, PCB Type, Cavity and Waveguide Filters/Multiplexers/OMTs/SFBs.

Company Profile

- CEO: Joon-suk Suh
- Location: Hwaseong, Korea
- Web: www.m3sys.com
- Since 2006
- Customers: major system integrators for overseas and domestic military, space, and SatCom markets
- ISO9001 Certified
- Specialties in cavity/waveguide filters/multiplexers/switched filter banks/broadband
- Capability up to W-band



Filters/Waveguide Products

- Switched Filter Banks;
Up to 32ch./with Multiplexers/broadband SFBs
- Multiplexers/Channel Filters;
Up to 7ch / 2-18GHz/ up to Ka-band
2-18GHz 4ch Multiplexer/In&Out Mux.
- Filters/Duplexers;
LPF/HPF/BPF/BRF
1-18GHz Duplexer(suspended PCB)
1.2-15GHz HPF/2.4-18GHz HPF
- OMTs/Feeder Horns;
Ku/Ka-band/Rotary Joints/Polarizer
- Technology ;
Cavity/Waveguide/PCB/LC/Interdigital/
Compline type
- Applications ;
EW/Radar/Maritime SatCom/Airborne/Space
Payload/Military Datalink/Measurement/DMR

PaxDisk is a leading manufacturer of Flash SSD storage products for military applications and FPGA based FM Tuner/NMR Spectrometer products.

Company Profile

- CEO: DH Lee
- Location: Seoul, Korea
- Web: www.paxdisk.com
- Since 2002
- Customers: Military system integrator, Bio-medical Institute/Hospital/Analysis Institute
- Strong for Engineering/Realizing products by Cutting-edge technologies



Products

- Flash SSD ;
1.0 / 1.8 / 2.5 / 3.5 inch SSD
Special type SSD/USB interface SSD
FPGA based
Proven for military, airborne, helicopter, warship, tactical vehicles, and combat tanks applications
VxWorks/Linux/MS Windows
OS/2 Warp/MacOS/Solaris/MS-DOS
PCI/Ultra SCSI/Ultra ATA/Serial ATA/PCMCIA/USB 3.x Interface support
- Excellent sensitivity and High Definition FPGA FM Tuner
- BT related : NMR Spectrometer



HenetSys is a leading manufacturer of customized RF/Microwave products and total solutions.

Company Profile

- CEO: Hangun Park
- Location: Seongnam, Korea
- Web: www.henetsys.com
- Since 2014
- Specialized in Radio Detection, Radio Sensing, and IoT connectivity
- Strong for customized products and providing total solution



Products

- Light and Compact modules for SatCom;
LNA modules for X-band/
Waveguided 9.0-9.5GHz,
PLO modules for X/Ku/Ka-band
system
- Customized products such as
SSPA/BUC/DNC/LNA/LNB/PLO/Synth
esizer/Passive products for
Radar/SatCom/Datalink/EW/Test&
Measurement/5G Communication
applications
- WPAN Terminal for USN
- Scanning Spectrum Analyzer

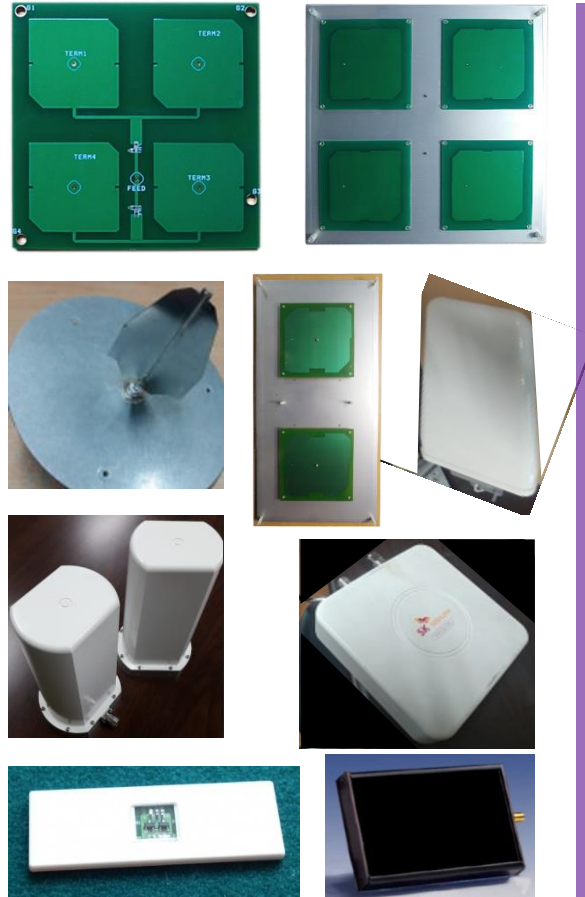


Maru Technology

Maru Technology is a leading manufacturer of Customized Antenna/RF System Solution.

Company Profile

- CEO: CJ Lee
- Location: Seoul, Korea
- Since 2009
- Specialized in Antenna Technologies, and RF System Development such as RFID and Tag Reader Systems
- Strong for customized products and providing total solution



Products

- Antenna Products ;
Various types of antenna/
Broadband antenna/
Customized antenna development
Log Periodic/Air Patch/
Ceramic Patch/Loop/Conical/
Array/Quadrifilar/Glass Antenna
- RF Systems Solutions ;
RFID Tag/
Various types of Tag Reader System/
Repeating System/
Wireless Charging Platform/
Detectors

II – SERVICES



will provide Services for ;

- Provide Technical Solutions
- Consulting & Training
- Joint Venture
- ODM/OEM Development and Manufacturing
- Parts Kitting Service
- Obsolete Parts and Space Grade Parts Survey
- Custom RFIC/MMIC Design Service
- HMIC Assembly & Test
- EQT & EMC Testing
- Overseas Military Program Management

Markets / Applications

- Military/Industrial/SatCom/Broadcasting/Medical/Instrument/Automotive Market
- RF/Microwave/mm-Wave Applications
- Turn-key and Kitting Service Providers
- Bio Technology/IoT Markets

Consulting

- Overseas Business/Customer Development
- Overseas Military Program Management and Products Qualification
- Hi-Rel Products Qualification Process ;
[FMECA/MTBF/THERMAL/MASS/SAFETY/
FAILURE MODE ANALYSIS/EQT/EMI-RFI/ESS/ATP/FAI]
- HMIC (Chip & Wire) Process and Workmanship
- Overseas Marketing Plan (Exhibition/Advertisement)
- Government Funding Program Proposal and Management
- General RF/Microwave Issues

Overseas Sales Partners - developing



- CoTechWave
- Overseas Partners

as your partner

