

ICON ELECTROMATIC

ADMIRE. INSPIRE. INNOVATE.

Company Profile

Icon Electromatic - Fulfilment partners for your electronic ambitions

Icon Electromatic was started in 2009 in Bengaluru, India by skilled engineers with decades of experience in RF, Microwave, Semiconductors and Service Industries and later extended the presence to other cities in India, Israel, Singapore and USA. With our expertise and understanding of the ecosystems in Electronic Research, Development and Manufacturing in Aerospace & Defence, Hi Rel Space, 5G, SATCOM, Homeland Security and Smart City industries, be it in public or private sector, and with years of strong collaborations with manufactures worldwide, we engage not only in supplying the most advanced components from global leaders, but also in providing business consultancy and RF design services to enable Bespoke Solutions for our clients.

Vision

To become India's largest and most reliable provider of electronics building blocks for R & D and Manufacturing companies/institutions in public and private sector.

Mission

To bring world's most advanced technology solutions and components to India through symbiotic relationships with the world leaders in the field and thereby support indigenous product development and 'Make in India' initiatives.

Quick Facts

- 1500+ Products
- 150+ Collective Years of Experience
- 15+ Global OEM/Manufacturer Partnerships

Industries We Serve



We provide cost and time effective Electronic /Microwave/RF components, building blocks and subsystems for



Aerospace & Defence

- Avionics
- RADAR's
- Military Communications
- Electronic Warfare



Hi Rel Space

Hi Rel Microwave/RF components for Space and Airborne applications.



SATCOM

MF/RF Components and Subarrays



5G

5G radio solutions for Telecom /Mobility /IOT needs



Homeland Security

Perimeter Intruder Systems and Subsystems



Smart City

Project Consultancy and Building Blocks

Manufacturing Sector

BPO/WFH Solutions and Business Consultancy

Services We Offer



Representation of Global OEM's

We represent major RF, Microwave, mmWave, Semiconductors, Components, Subsystems and Power supplies manufacturers around the world, providing unparalleled support to electronic designers, manufacturers, engineers and researchers.

Product Supply and Logistics

With our expertise and understanding of the ecosystems in Electronic Research, Development and Manufacturing Industry, be it in public or private sector, and with years of strong collaborations with manufactures worldwide, we can suggest the most apt products to fulfil your designs

Design and FAB Assistance

We work in collaboration with design and PCB fabrication houses through our partnership with them, to help in providing unique support and exclusive access to our manufacturers. We provide design and application consultation and PCB Fabrication with – MMICs, RF components, Sub-systems, 5G communication requirements, telecommunications and more.

Business Consultancy

Icon Electromatic's leadership collectively carries centuries of professional expertise in various business domains. We further stretches it through meaningful partnerships with Global Leaders. We help organisations for Digital Transformation, Work From Home solutions, next generation Business Process Outsourcing, Make in India initiatives and many more.

Partners We Work With



<https://rogerscorp.com/>

<https://www.te.com/global-en/industries/aerospace.html>



<https://www.semigen.net/>

<http://www.rec-usa.com/index.asp>



<https://ticertechnologies.com/>

<https://www.vedangatech.com/>



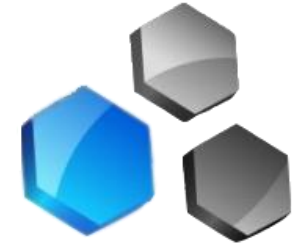
<https://www.anokiwave.com/index.html>

Partners We Work With



<http://www.hxi.com/>

<https://www.rfuw-engineering.com/>



RFuW Engineering Ltd.



<https://www.elfon.gr/>

<https://cncgroup.us/>



<https://www.iconicrf.com/about>

Products We Offer



RF & MW components

Passives

- High-Frequency Circuit Material
- Embedded Resistors
- Embedded Capacitors
- RF Absorbers
- RF /MW Cable assemblies
- Drop-in Isolators & Circulators
- Microstrip Isolators & Circulators
- Surface-mount Isolators /Circulators
- Coaxial Isolators /Circulators
- Waveguide Isolators /Circulators
- Fixed Attenuator Pads
- Beam Lead Capacitors
- Binary Capacitors
- MIS Capacitors
- Lange Couplers
- Diode Submounts
- Filters
- Mounting Substrates
- Spiral Inductor Coils
- Shims
- Resistors
- Standoff Capacitors
- Transmission Lines
- Thin Film Circuits
- Thermal Heat Spreaders
- Bond Pull Coupons
- Power Dividers/ Combiners
- RF Limiters

Active components

- GaN MMICs
- GaAs MMICs
- GaN discrete
- Si Core ICs (Beamforming Chip)
- Active Antenna ASICs
- mmW Front End ICs
- RF Switches
- RF Limiters
- Integrated switch limiter
- Switch Matrices
- PIN Diodes
- Beam Lead PIN Diodes
- Limiter Diodes
- Step Recovery Diodes
- Point Contact Diodes
- Schottky Diodes
- Schottky Barrier Bridge Quads
- Schottky Barrier Ring Quads
- Zero Bias Schottky Detector Diodes
- Sampling Phase Detectors
- Low Noise Amplifier
- Power Amp
- GaN Transistors
- GaAs FET Switches
- Digital Step Attenuator

Subsystems

- SSPA
- TR Modules
- Active Antenna Array
- Wideband Phase Shifters
- High Power IFF Phase Shifters
- Wideband tuners
- millimetre-wave Digital Radios
- Radar Front Ends
- Broadband Receivers
- Custom Integrated Assemblies

Services

- Custom MMIC design from RF to mm-wave
- Comprehensive GaN and GaAs expertise
- High-frequency modules and packaging
- Innovative design for highest performance.
- Components, Super components, Plug-in cards
- ODU's, IDU's, Front ends, T/R modules, Receivers, Transmitters, Exciters, Synthesizers, Transponders, SSPA.
- Wideband tuner
- PCB Fabrication
- Thin Film Processing
- Metallization
- Wafer Dicing
- Ion Beam Milling

Systems

- High Voltage Power Supply
- Thermal Imagers & Surveillance Systems
- Perimeter and territory security systems

Key Customers



CYIENT



Executive Team



Sujith Tennyson S. – Chief Executive Officer

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To Be Operational Soon