



ENGINEERED TO SAVE LIVES

iNRCORE
Family of Brands

High Performance Electronic Solutions
MEDICAL INDUSTRY APPLICATION

MEDICAL PROGRAM PARTICIPATION

When reliability and accuracy matters, medical equipment providers turn to iNRCORE for solutions that meet the highest quality requirements including UL Standards. We have supported everything from ligature heart equipment, to generators for the operating room, to vital monitors with high isolation ethernet, high-frequency power transformers, solenoids and common mode chokes.

COMMON MODE CHOKES

SLC and CM series, self-leaded power inductors and common mode chokes with ruggedized construction. A wide variety of inductor sizes and current ratings and available.

INDUCTORS

SLIC, SLED, POGO, and 60K series power inductors as well as RF inductors with ruggedized construction. Planar inductors meet the demanding requirements for low inductance high DC current.

SOLENOIDS

C-frame, D-frame, Tubular, Magnetic Self-Holding, Custom and Modified Standard solenoid designs available including functions that push-pull and latch-unlatch in a variety of duty cycles.

RESISTORS

Available in a wide range of power ratings offering custom sizes, and terminations, our Resistors are extremely rugged, offering superior long-term reliability in demanding applications.

BALUNS

High-Frequency Baluns designed with pulse-patented technology for standard testing equipment in high reliability applications.

FILTERS

Supporting varying levels of frequencies, Lowpass Filters, Highpass Filters and Band Pass Filters are available to support many medical product needs.

ETHERNET

Our discrete Ethernet transformers are designed to meet IEEE 802.3x standards and are ruggedized for the world's most harsh environments.

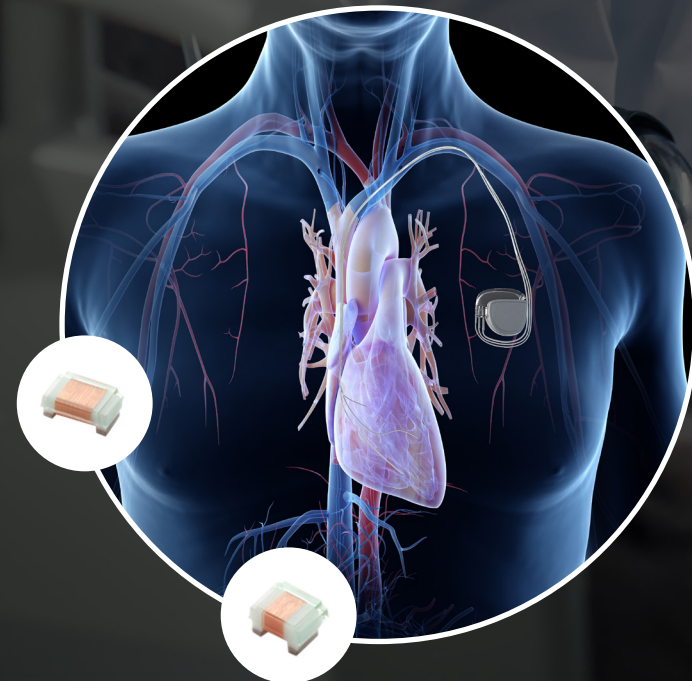
TRANSFORMERS

Our QPL and Non QPL MIL STD-1553 and MIL STD-981 are designed and built to the relevant specifications (MIL STD-21038, MIL STD-981, MIL PRF 27 ESCC (Compliant)), and they support all major 1553 transceivers with short stubbed and/or long stubbed communication via a MIL-STD-1553 data bus. Available as a custom solution for your specific requirements.



MRI

- Air Core
- Non-Magnetic SMT Inductor
- Non-Magnetic THT Inductor
- Low Pass Filter, High Pass Filter, Band Pass Filter
- Resistors
- Custom Transformer



Patient Monitoring Devices

- Custom Inductors & Transformers
- Common Mode Chokes
- Precision Chip Resistors
- 10G Transformers
- RF Inductors
- Baluns



AED

- Custom Power Resistors
- Custom Pulse Resistors

Pace Maker

- Ceramic Chip Inductors
- RF Inductors
- Custom Transformers
- Custom High Voltage Pulse Transformers



X-Ray

- Non-Magnetic SMT Inductors
- Non-Magnetic THT Inductors



RF Scalpel

- Custom Transformers
- Custom Inductors

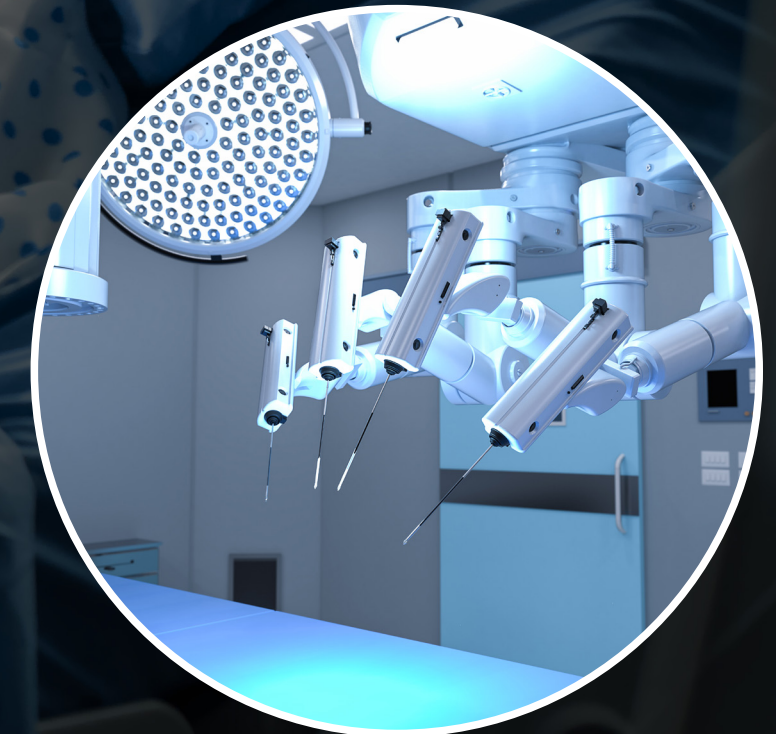
Medical Grade Generator

- Precision Power Resistors



Medicine Dispensing

- Custom Transformers
- Custom Inductors



Robotic Surgery

- Custom Inductor
- Custom Transformer

UNMATCHED CAPABILITIES

With More Than 70 Years of Experience and Specialized Knowledge

in high performance electronic components, we've invested heavily in the vertical integration of each capability - from automation systems, to modern manufacturing facilities, to full tooling and testing - to ensure the scalability and reliability you need.

When it comes to high performance electronics, we know there isn't a one-size-fits-all solution. Our family of brands comes together as your collaborative partner, rapidly responding to meet your unique requirements and timeline.



INRCORE FAMILY OF BRANDS

INRCORE

INRCORE

Designs and manufactures magnetic components that transmit high-speed, mission-critical signal and power in the harshest operating conditions.

inrcore.com

BICRON

BICRON

Designs and manufactures custom magnetics, custom transformers, power harvesting & sensing current transformers, and DC solenoids for extreme reliability long-life applications.

bicronusa.com

DYCO

DYCO ELECTRONICS

Manufacturer of high performance custom magnetic components and electronic assemblies for high reliability applications, including rail transportation safety systems.

dycoelectronics.com

GOWANDA

GOWANDA ELECTRONICS

Designs and manufactures RF and power inductors, broadband conicals, military QPL, HiRel, non-magnetic designs, and transformers for Military/Aero, Space, Medical and Commercial applications.

gowanda.com

hisonic

HISONIC

Design and build-to-print transformers, inductors, and assemblies for mission critical applications.

hisonic.com

RCD

RCD COMPONENTS

Manufacturer of passive components, including resistors, capacitors, coils and delay lines for the Aerospace, Medical, Military and Commercial Industries.

rcdcomponents.com

TTE

TTE FILTERS

Develop and manufacture of high quality RF and microwave filters, bias tees, diplexers, multiplexers, amplitude equalizers and EMI/RFI filters, especially for critical test and measurement applications.

tte.com

VANGUARD ELECTRONICS

VANGUARD ELECTRONICS

Designs and manufactures custom components for RF and Power applications. And to provide the highest quality magnetics that operate defect-free while cost effective.

ve1.com



BREADTH OF EXPERTISE

Supplying & Supporting the Medical Industry

The medical industry, like many of the other high-reliability industries, depends on companies like iNRCORE to provide the best in technology as they care for their patients. These products have to be dependable, whether caring for a routine health situation or a life-saving operation.

- MRI Machines
- Vital Monitor/Defibrillator
- X-Ray
- Robotic Surgery
- FDA Approved Implantables
- Implantable Cardiac Devices
- Ligature Heart Equipment
- Medicine Dispensing
- AED (Standard & Medical-Grade)

TRUSTED BY THE BEST

PHILIPS

ZOLL



Abbott



COVIDIEN



GE HealthCare





SEE WHAT SETS INRCORE APART

CUSTOMIZATION

Built-to-Print
Custom Test Plans

- Design to your Specifications Support
Specification Drawings
- Rapid Prototyping Support
- Support Built-to-print

MODIFICATIONS

Ruggedizing
Up-Screening

- Modify Existing Designs
- Provide Design Reviews
- Support Space Grade Modifications
of Parts
- Provide Up-Screening
Recommendations

PRODUCTION

U.S.A. & Offshore
Production Capabilities

- AS9100D Certified
- Automated Production Capabilities
- High-Mix Low Volume and
High-Volume Manufacturing
- Comprehensive Inspection and
Testing to Ensure Performance
in Harsh Conditions

EXPERTISE

Market Segment
Specialization

- Aerospace
- Rail Transportation
- Defense/Military
- Medical
- Power Distribution/Utilities
- Space
- Specialty Industries

Contact Us Today

Learn more about our products and how working with the iNRCORE family of companies can cost-effectively meet your timeline.

iNRCORE
Family of Brands

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RUGGED TO THE CORE

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