Innovate faster in medical

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Innovative semiconductor solutions

• Addressing growing needs for portability, connectivity, power efficiency, performance and precision.
• State-of-the-art process technology.

Complete portfolio

• Amplifiers, data converters, interfaces, power management, logic, DSPs, ultra-low power MCUs, ARM-based MPUs, wired and wireless connectivity, audio and video ICs, and many more.
• Catalog, application-specific, enhanced and custom ICs, plus die sales options.

Commitment

• Experience in supplying components for a wide range of medical applications.
• Global support infrastructure.
• Local technical support and distribution.
• Systems and applications insight.
• Tools and training.

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TI ICs for medical applications such as:

**Consumer medical**
- Blood pressure monitors
- Heart rate monitors
- Blood analyzers
- Digital thermometers
- Pulse oximetry

**Medical imaging**
- Ultrasound
- Computed tomography (CT)
- Magnetic resonance imaging (MRI)
- Digital X-ray
- PET scanners

**Diagnostic, patient monitoring and therapy**
- Electrocardiograms (ECGs)
- Electroencephalograms (EEGs)
- Blood oxygen (pulse oximetry)
- Ventilation/respiration
- Defibrillators
- Dialysis machines

**Medical instruments**
- Lab equipment
- Analytical instruments
- Surgical instruments
- Dental instruments
- Endoscopes and smart pills
- Robotics prosthetics
- Hospital beds

Download TI’s Medical Applications Guides at www.ti.com/medicalguides for technical and product information, selection tables and system block diagrams:

• Medical Applications Guide (full version)
• Consumer Medical Applications Guide
• Diagnostic, Patient Monitoring and Therapy Applications Guide
• Medical Imaging Applications Guide
• Medical Instruments Applications Guide

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