Download Wireless Power Transfer For Medical Microsystems

Wireless power transfer (WPT), wireless power transmission, wireless energy transmission (WET), or electromagnetic power transfer is the transmission of electrical energy without wires as a physical link. In a wireless power transmission system, a transmitter device, driven by electric power from a power source, generates a time-varying electromagnetic field, which transmits power across space ...Advancements in micro-electromechanical systems, wireless, and other technologies have facilitated a recent surge in medical device product offerings, which are redefining the standard of “small-scale” in wireless implants for cardiology.Programmable MEMS gyroscope with features that significantly lower the cost of integrating the gyroscope into industrial equipment.. MEMS microphones that are smaller and more resistant to heat than conventional microphones.. MEMS RF switches to reduce power losses in microwave applications.. MEMS blood pressure sensor with wireless data transfer that can be implanted in patients.Dr. Vinit Singh. Dr. Vinit Singh is the CTO of NuCurrent, a leader of thin, high quality (Q) factor, printed wireless power transfer solutions.As CTO of NuCurrent, Singh guides the company’s technology focus, IP leadership efforts, and product development roadmap.