

Download Ultra Low Power Biomedical Signal Processing

The primary goal of the VLSI Signal Processing Laboratory at Korea University is to develop core technologies for low-power, high-performance and reliable integrated systems design. Ultrasound is defined by the American National Standards Institute as "sound at frequencies greater than 20 kHz". In air at atmospheric pressure, ultrasonic waves have wavelengths of 1.9 cm or less. Human centric is the major characteristic for BAN, the communication among sensors scattered on/in the human body and aggregator should be accomplished by wired connection or short distance wireless communication techniques. Reference designs. Find reference designs leveraging the best in TI technology – from analog and power management to embedded processors. All designs include a schematic, test data and design files.