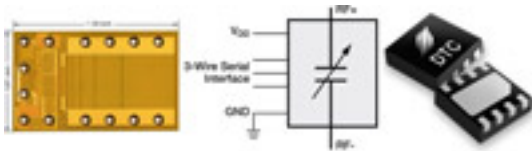


Digitally Tunable Capacitors Enable High-performance RF tuning for GSM Cellular and Mobile TV



Peregrine Semiconductor Corporation announces a breakthrough in the highly sought-after solution to mobile antenna tuning. The company's new DuNE™ Technology, a patent-pending design methodology made possible by Peregrine's UltraCMOS™ process and HaRP™ design innovation, has enabled a single-die tunable capacitor circuit – referred to as a Digitally Tunable Capacitor (DTC) – which meets the high-performance demands for antenna tuning in leading-edge cellular and mobile applications. These demands include superb power handling and linearity; low power consumption; and highly integrated in a small form factor. The first devices in the DuNE DTC portfolio are designed to meet the stringent broadband requirements for DVB-H and ISDB-T mobile TV; multi-mode, multi-band GSM/WCDMA cellular handsets; and the power handling requirements for interoperability between the two applications.

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