

Single-chip CMOS WEDGE Transceiver

Quorum Systems introduces the Sereno[®] QS3000, the latest of its family of high performance, ultra-low-power, multi-band, multi mode RF transceivers. Adopting Quorum's unique Sereno platform architecture, the QS3000 WEDGE transceiver is a single-chip CMOS radio for combined GSM/GPRS/EDGE and 3G HSDPA applications. The QS3000 supports a total of seven frequency bands simultaneously: four GSM/GPRS/EDGE frequencies and three WCDMA bands. For 3G operation, the device supports coverage for all six bands specified by 3GPP plus WCDMA operation in 800 and 1700 MHz bands. The product offers global support for dual mode 3G/GSM handsets. Utilizing Quorum's multi-mode convergence technology, the transceiver supports both compressed and uncompressed modes, simplifying network infrastructure. The device also features HSPDA support up to Category 8.

Quorum Systems

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