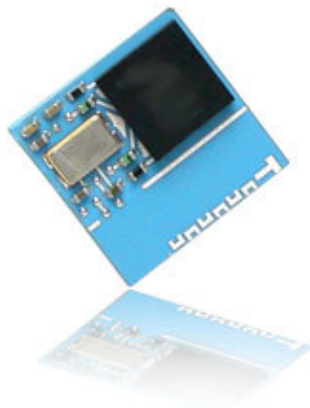


## AvantWave Launches World's Smallest Integrated Antenna Bluetooth® Module BTR110S Using CSR BlueCore single-chip



(Hong Kong – Aug 05, 2005) AvantWave Limited ([www.avantwave.com](http://www.avantwave.com)), one of leaders in Bluetooth modules and collaboration services, is proud to launch the world's smallest Bluetooth module - **Bluetron™ BTR110S** by adopting LTCC (Low Temperature Cofired Ceramic) technology. The module employs a unique LTCC substrate that embeds antenna, balun-filter, impedance matching inductors and capacitor into the ceramic substrate. Measuring only 12 mm (L) x 12 mm (W), **Bluetron™ BTR110S** module incorporates with CSR's BlueCore Bluetooth single-chip.

Indeed, AvantWave is able to provide a wide range of pre-engineered and pre-qualified modules based on CSR's BlueCore Bluetooth single-chip for next generation of Bluetooth-based wireless communications devices, including high-end stereo headset, automotive hands-free kit, cell phones and PDAs.

**Bluetron™ BTR110S** is a complete Bluetooth solution for fast implementation, cutting your time-to-market. With CSR's BlueCore single-chip, **Bluetron™ BTR110S** is a short-range, compact and cost effective radio/baseband module which can be implemented in many kind of electronic devices, such as high-end headset in very small size, Bluetooth enabled cell phones, etc. **Bluetron™ BTR110S** module is an attractive option for OEMs to develop small and stylish Bluetooth products, particularly for companies without an in-house RF design or test capability, and are certainly the fastest route to the market. **Bluetron™ BTR110S** module enables your development time and cost to be minimized.

Production samples will be available now, with volume production beginning in Q4 2005.

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### About AvantWave

**AvantWave Limited**, founded in Jan 2000, is one of leaders in developing cutting-edge Bluetooth® solutions. Its mission is to be your OEM/ODM partner, facilitating a wider adoption of Bluetooth® applications in different industries. Building on our expertise in wireless communications, AvantWave is in the business of providing consulting, system integration, business technology, and is a supplier of Bluetooth application specific module with embedded software. **AvantWave** has developed the 1<sup>st</sup> qualified Bluetooth® headset in Asia in 2001. **AvantWave** products are available in more than 15 countries throughout the world through qualified distributors to original equipment manufacturers and system integrators.



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