



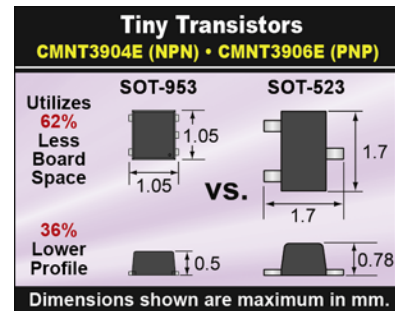
# News Release

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For Immediate Release

## Central's new Ultra Tiny Energy Efficient Low $V_{CE(SAT)}$ Transistors in the SOT-953 SMD package



Hauppauge, NY USA – March 18, 2008 – Central Semiconductor Corp. announces the release of the new FEMTOmini™ CMNT3904E (NPN) and CMNT3906E (PNP) Low  $V_{CE(SAT)}$  transistors, packaged in the ultra tiny SOT-953 surface mount package. These new transistors are designed with enhanced specifications including: a maximum Collector-Base Voltage of 60V (standard PNP devices are 40V max.), a maximum Emitter-Base Voltage of 6.0V (standard PNP devices are 5.0V max.), and a maximum  $V_{CE(SAT)}$  of 0.2V at 50mA (standard devices are 0.3V for NPN and 0.4V for PNP). With these newly enhanced specifications, the CMNT3904E and CMNT3906E are ideal for portable battery powered applications requiring an energy efficient transistor in an ultra small package. Applications include: DC-DC converters, switching and driver circuits, temperature sensing, small signal amplification and switching, and LED backlighting. The SOT-953 has a maximum package profile of 0.5mm and utilizes 62% less board space than the SOT-523 package.

The CMNT3904E and CMNT3906E are available on 7" Tape & Reel. Prices start at US\$0.08 each for 3000 pieces on 7" Tape & Reel. Sample devices are available upon request. Central Semiconductor manufactures leading edge discrete semiconductors and is always eager to explore design engineers' requests for special requirements.

Specifications for these new devices can be found in the New Products / Latest Updates section of Central's website at: [www.centralsemi.com/product/whatsnew/newprod/](http://www.centralsemi.com/product/whatsnew/newprod/)

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