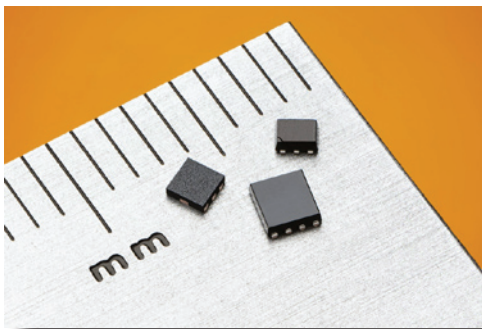


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For more information:Editors please call Freddy Adames at CEL: 408-919-2207 — e-mail: freddy.adames@cel.comReaders call your local CEL Sales office, numbers are listed at www.cel.com**NEC's New SiGe-Carbon Process Yields High-Performance LNAs for GPS Applications**

Santa Clara, CA — June 13, 2006 — NEC's new **SiGe-Carbon process** is good news for GPS receiver designers. It's made possible a new family of LNA ICs that combine lower current consumption, higher return loss, and lower noise figures than ever before available. **California Eastern Labs** has three of these new NEC SiGeC LNAs now available: the **UPC8230TU**, **UPC8231TK** and **UPC8232T5N**. Ideal for use as first stage devices, typical specifications include:

	<u>UPC8230TU</u>	<u>UPC8231TK</u>	<u>UPC8232T5N</u>
Current:	6.0 mA	3.5 mA	3.0 mA
Noise Figure:	0.85 dB	0.08 dB	0.90 dB
Gain:	18.5 dB	20.0 dB	17.0 dB
Return Loss IN	11 dB	10 dB	10 dB
Return Loss OUT	10 dB	18 dB	20 dB

NEC's unique SiGeC process yields parts that require fewer matching components making them easier to integrate. They're also housed in NEC's ultra-miniature packages: the **UPC8230TU** in the 2.0 x 2.0 x 0.5 mm **TU** 8-pin package, the UPC8231TK in the 1.5 x 1.1 x 0.55 mm 6-pin **TK** package, and the UPC8232T5N in NEC's super-low profile 1.5 x 1.5 x 0.37 mm 6-pin **T5N** package. To help speed circuit design, CEL offers evaluation boards through its network of sales offices and through Mouser Electronics. For data sheets, visit www.cel.com.