

## PRESS RELEASE

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<http://www.torex.co.jp/english/>

TRX028 September 14, 2007

**XC25BS7 Series  
PLL Clock Generator ICs with Built-In Divider/Multiplier Circuits**

Torex Semiconductor Ltd. (Chuo-Ku, Tokyo : President, Tomoyuki Fujisaka) announces the release of the XC25BS7 Series of PLL Clock Generator ICs with Built-In Divider/Multiplier Circuits.

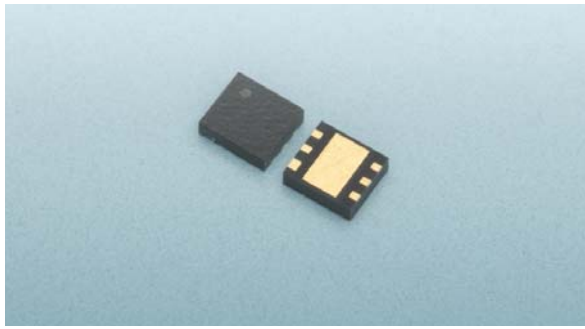
The XC25BS7 series are high frequency, low power consumption PLL clock generator ICs with divider circuit & multiplier PLL circuit. Laser trimming gives the option of being able to select from input divider ratios (M) of 1 to 256 and output divider ratios (N) of 1 to 256. Output frequency (fQ0) is equal to reference clock oscillation (fCLKin) multiplied by N/M, within a range of 1MHz to 100MHz. Further, frequency within a range of 32kHz to 36MHz can be inputted as a reference clock. The IC stops operation when L level signal is inputted to the CE pin. For this, consumption current can be reduced and output will be one of high-impedance. Because the series is semi-custom, please ask Torex sales contacts for your requested specifications such as input/output frequency, supply voltage. However, the series has the limit of specifications; therefore, your request may not be fully satisfied with your requested frequency range.

**【XC25BS7 Series Features】**

<b>Input Frequency</b>	: 32kHz ~ 36MHz <sup>(*)1</sup>
<b>Output Frequency</b>	: 1MHz ~ 100MHz (fQ0=fCLKin × N/M) <sup>(*)1</sup>
<b>Output Divider (N)</b>	: Selectable from divisions from 1 to 256 <sup>(*)1</sup>
<b>Input Divider (M)</b>	: Selectable from divisions from 1 to 256 <sup>(*)1</sup>
<b>Operating Voltage Range</b>	: 2.50V ~ 5.50V <sup>(*)1</sup>
<b>Low Power Consumption</b>	: CMOS with stand-by function <sup>(*)2</sup> (10 μA, MAX. when stand-by)
<b>Ultra Small Packages</b>	: SOT-25, USP-6C

\*1: The series are semi-custom products. Specifications for each product are limited within the above range. The input frequency range is set within ±5% of customer's designated typical frequency.

\*2: When the IC is in stand-by mode, the output becomes high impedance and the IC stops operation.



▲USP-6C(1.8 x 2.0 x 0.6mm)

[Company Outline]

Name : Torex Semiconductor Ltd.  
Found : 1995  
Capital : US\$3,300,000  
President : Tomoyuki Fujisaka  
Employees : 213 (as of April 1 2007)  
Operations : Manufacturing of ICs and active discrete components.  
Sales of ICs and active discrete components.

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**For further information, please contact:**

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