

PRESS RELEASE**XC6120 Series
Ultra Small, Low Power Consumption Voltage Detector**

Torex Semiconductor Ltd. (Chuo-Ku, Tokyo : President, Tomoyuki Fujisaka) announces the release of the XC6120 Series of ultra small and low power consumption voltage detector.

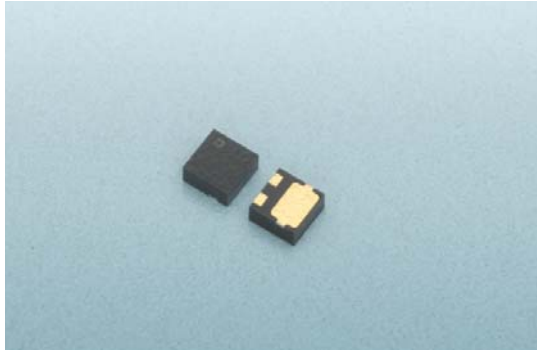
The XC6120 series are low power consumption voltage detectors manufactured using CMOS and laser trimming technologies. With low power consumption the series is suitable for battery operated.

The XC6120 in ultra small packages are ideally suited for high-density mounting. The XC6120 is available in both CMOS and N-channel open drain output configurations.

【XC6120 Series Features】

- Low power consumption extends battery life.
- Ultra small USP-3 package provides high density mounting.

Highly Accurate	: $\pm 2\%$ ($V_{DE(T)} \geq 1.5V$) : $\pm 30mV$ ($V_{DE(T)} < 1.5V$)
Low Power Consumption	: $0.6 \mu A$ ($V_{DF}=2.7V, V_{IN}=3.0V$ TYP.)
Detect Voltage Range	: 1.0V~5.0V in 0.1V increments
Operating Voltage Range	: 0.7V~6.0V
Detect Voltage	
Temperature Characteristics	: $\pm 100ppm/^{\circ}C$ (TYP.)
Output Configuration	: CMOS open drain (XC6120C) N-channel open drain (XC6120N)
Operating Temperature Range	: $-40^{\circ}C \sim 85^{\circ}C$
Packages	: USP-3, SSOT-24



▲USP-3 (1.2 x 1.2 x 0.6mm)

[Company Outline]

Name : Torex Semiconductor Ltd.
Found : 1995
Capital : 360 million JPY
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.

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

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