

PRESS RELEASE**XCM406 Series
2 Channel Output Large Current High Speed LDO Regulator**

TOREX SEMICONDUCTOR LTD. (Tokyo, Japan: President, Tomoyuki Fujisaka) announces the release of the XCM406 series of a 2 channel output large current high speed LDO regulator.

The XCM406 series combines 2 x high current, ultra low dropout XC6210 regulators in one ultra small USP-12B01 package (2.8 x 2.3 x 0.6mm).

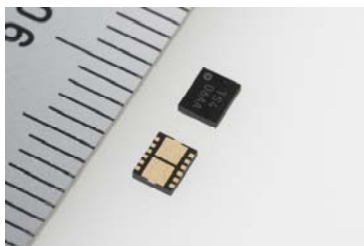
The XCM406 has an operating voltage range of 1.5V~6.0V and output voltage is laser trimmed within a range of 0.8V ~ 5.0V / channel in 0.1V selections.

Ultra low dropout and supply current make the XCM406 ideally suited to all battery powered applications where board space is at a premium. Since the IC uses built-in low on-resistance transistors, dropout voltage performance is excellent. Low voltage drive operation, such as POL power supply with 1.5V input voltage and 1.2V output voltage is also possible. Output current supply of 700mA per channel is available.

With the tiny USP-12B01 package, PCB size can be dramatically reduced when compared to standard packaging.

【XCM406 Series Features】

- Ultra Low Dropout Voltage Performance : 50mV @ $I_{OUT}=100mA$
- Output Voltages down to 0.8V
- 1.5V minimum driving voltage and more than 700mA output current per channel
- Ideal solution for POL power supply
- Small foot print design possible with ultra small USP-12B01 package



▲USP-12B01 (2.8 x 2.3 x 0.6mm)

For further information, please contact:

Japan (Head Office): TOREX SEMICONDUCTOR LTD.	Tel: +81-3-5652-8750	E-mail: trx-marketing@torex.co.jp
Singapore: TOREX SEMICONDUCTOR (S) PTE LTD	Tel: +65-6745-1352	E-mail: tsp@torex.com.sg
USA: TOREX USA Corp.	Tel: +1-949-261-2022	E-mail: info@torex-usa.com
Europe: TOREX SEMICONDUCTOR EUROPE LIMITED	Tel: +44-1530-510190	E-mail: sales@torexsemi.co.uk