

## DUAL CHANNEL ADSL LINE DRIVER

DATA BRIEF

### 1 MAIN FEATURES

- Low Noise: 3.5nV/Hz
- Class AB architecture
- High Peak Output Current: 600 mA
- Low Single Tone Distortion: -60dBc
- Thermal And Overload Protection
- BCD-SOI technology
- HTSSOP28 Package
- -40 TO +85°C Operating Rang

### 2 DESCRIPTION

The STLC60243 is a dual channel ADSL Line Driver featuring a high slew rate and a large bandwidth optimized for XDSL applications (ADSL and ADSL+). The device is available in a HTSSOP 28 pin package (4x9 mm) with an exposed lead

Figure 1. Package



Table 1. Order Codes

Part Number	Package
STLC60243	HTSSOP28

frame. The STLC60243 is designed optimizing bandwidth, distortion performances and power consumption. It can be used in Copperwing12 chipset ADSL application.

**Table 2. Revision History**

<b>Date</b>	<b>Revision</b>	<b>Description of Changes</b>
September 2004	1	First Issue

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