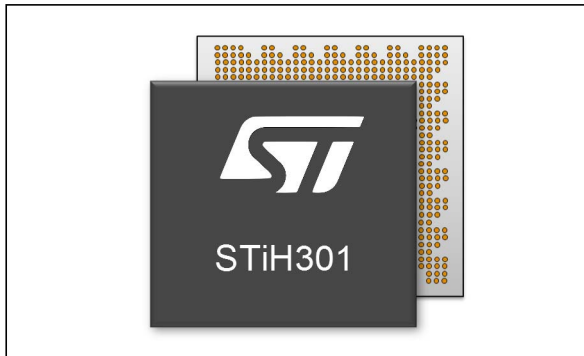

**Liege2: ARM Cortex-based, HEVC 1080p,
IP and broadcast set-top box platform**

Data brief

**Description**

ST's STiH301 system-on-chip uses leading ARM CPU and GPU architecture to provide powerful set-top box and connected client platforms.

This SoC supports broadcast, broadband and OTT services, combined with the latest set-top box middleware and broadband software solutions.

The STiH301 supports high-efficiency HEVC decoding, allowing, for a given bandwidth, more data transmission. The STiH301 platform therefore permits IP service providers a means of offering HD content to a greater number of customers, or for broadcasters to provide more channels.

Features

- Single-core ARM[®] applications CPU delivering up to 3750 DMIPS
- Integrated ARM[®] Mali GPU for high-performance 3D graphics
- HEVC full HD video decoding combined with Faroudja[®] video processing technology
- Advanced security engine supporting all popular CAS and DRM, to protect premium media content
- Wide connectivity, including USB 3.0, PCI-e, SATA and fast Ethernet
- Dedicated interfaces to a large range of companion front-end solutions: satellite, cable and terrestrial and WiFi devices
- 28 nm process technology chip
- BGA 19 x 19 mm package

1 Revision history

Table 1. Document revision history

Date	Revision	Changes
17-Mar-2014	1	Initial release.
31-Mar-2014	2	DMIPS value revised to 3750.

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