

# 1 Introduction

The STiH273 offers current users of ST's growing family of advanced decoding ICs enhancements in performance and features, enabling operators to offer consumers new multimedia-rich services and viewing experiences, including new 3DTV features. Faster DDR3 memory is also supported, and the applications CPU benefits from an L2 cache. The STiH273 keeps pace with the latest advanced security requirements of the main CA vendors, and an integrated standby controller enables the STiH273 to target stringent low power regulations.

Features	Benefits
Integrated dual mode DVB-C/DVB-T demodulation/FEC.	Highly integrated STB solution, reducing component count and manufacturing BOM.
ST40 applications CPU, with 32KI and 32KD L1 caches and 256K L2 cache.	High performance processing for applications and middleware.
Integrated low power standby controller within its own power island.	Secure hibernation to, and fast resume from, very low power passive standby mode, targeting STB standby power < 0.5 W.
Latest generation of ST's Delta video decoder coupled with a High Quality Video Display Pipeline (HQVDP).	Decoding of advanced high definition standards (MPEG2, H264, VC-1, AVS) plus the performance and flexibility for web-based content decoding such as Flash <sup>®</sup> , DivX <sup>™</sup> , MJPEG and Real <sup>®</sup> , without impacting applications CPU performance.
Dual USB 2.0 hosts, eSATA, Ethernet MAC with MII/RMII/TMII interfaces, PCI-e, SD-MMC/SDIO interface.	Extensive high speed connectivity for the widest range of STB peripherals, such as Flash drives, external HDDs, Ethernet, home network controllers (such as MoCA <sup>®</sup> , Wi-Fi), DOCSIS <sup>®</sup> modem and memory cards.
NOCS3.0, NSK2.0 and DVB-CSA3 ready.	Fully compliant with the latest advanced security requirements of CA vendors.
Ball compatible with other STiH2xx family variants.	Single platform versatility across all networks (satellite, cable, terrestrial, IP).

## 2 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
28-Feb-2012	1	Initial release.
17-Jul-2012	2	– Updated the version of Nordig Unified to v2.2.1 – Updated the version of DTG to 7.2. – Removed references to NOCS1.0/1.1/1.2 and Digitenne.

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