

## Advanced STB decoder with integrated DVB-T/DVB-C demodulator

Data brief

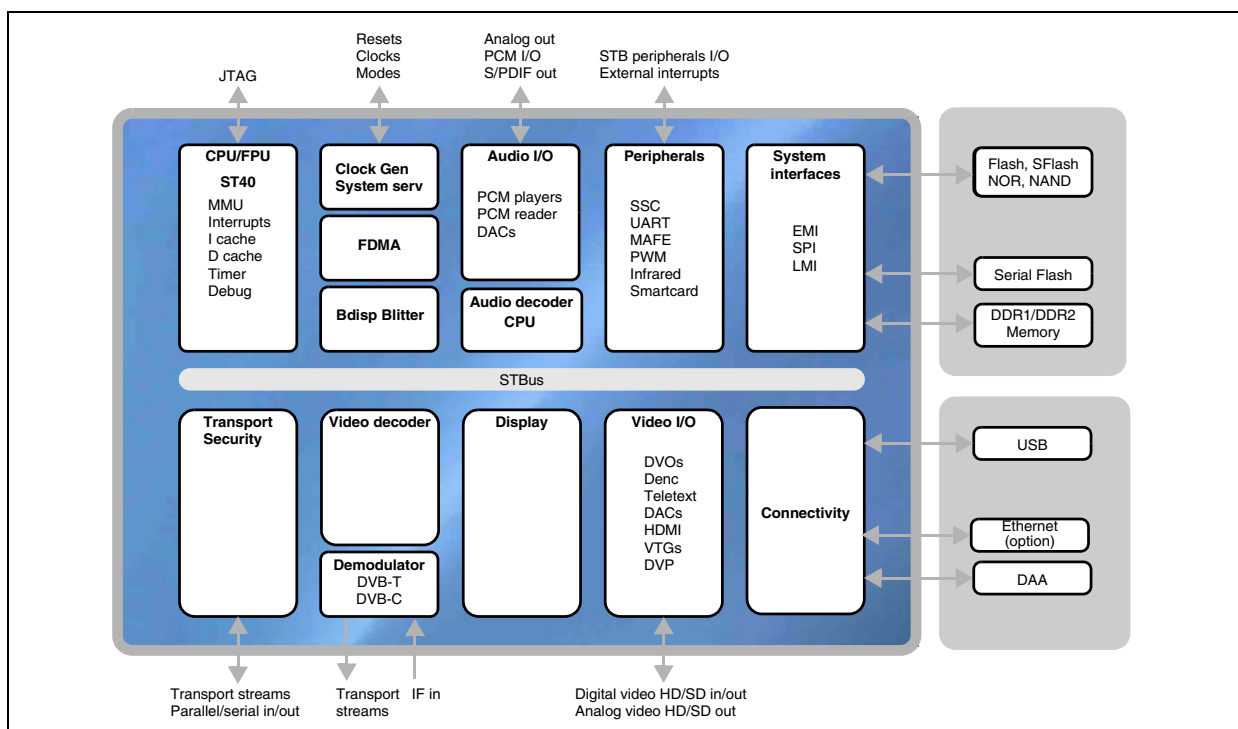
### Features

- Integrated DVB-C or DVB-T demodulator
  - User-selectable mode
  - Compatible with low to high IF tuners
  - Flexible clock management
  - ADC for RF signal strength indicator
- Advanced high-definition video decoding (H264/VC-1/MPEG2)
- Advanced standard-definition video decoding (H264/VC-1/MPEG2/AVS)
- Advanced multi-channel audio decoding (MPEG 1, 2, MP3, DD/DD+, AAC/AAC+, WMA9/WMA9Pro)
- Linux, Windows CE and OS21 compatible ST40 applications CPU
- 32-bit DDR1/DDR2 compatible local memory interface
- Multi-stream, DVR capable transport stream processing
- Connectivity through dual USB 2.0 hosts and optionally through Ethernet MAC/MII/RMII

### Description

The STi7162 uses state-of-the-art process technology to provide a fully featured HD AVC, DVB-C, and DVB-T demodulator/decoder IC.

It is a highly integrated system-on-chip, suitable for STB markets across cable, terrestrial, and terrestrial/IP hybrid networks worldwide.



# 1      Revision history

Table 1.      Document revision history

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 20-Jan-2010 | 1        | Initial release. |



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