



## STV0360, STV0361

### COFDM demodulators IC for terrestrial TV set-top box

#### Features

- DVB-T (ETS 300 744), NORDIG II and NORDIG Unified 1.0.1 compliant<sup>(a)</sup>
- Inputs for direct IF, eliminating the need for a down-converter in the tuner
- Adaptive channel correction in both time and frequency, providing excellent performance, even in the presence of noise or significant Doppler shift
- Dual automatic gain controller (AGC) to seamlessly interface with all tuners characteristics
- Support for 2/8 Kbyte carrier detection modes
- Programmable gain amplifier (PGA) increasing flexibility to enhance tuner power matching
- Additional A/D converter to directly monitor the input level of the new generation of tuners
- Small 64-pin TQFP package



#### Description

STMicroelectronics complements the world leading range of MPEG-2 decoders with a range of COFDM demodulators for digital terrestrial applications.

The STV0360 and STV0361 demodulators are high performance COFDM (Coded Orthogonal Frequency Division Multiplex) demodulators with built in A/D converters. They perform all the demodulation functions to extract the MPEG-2 transport stream from the tuner input.

a. STV0361 only

Figure 1. High definition satellite or terrestrial set-top box

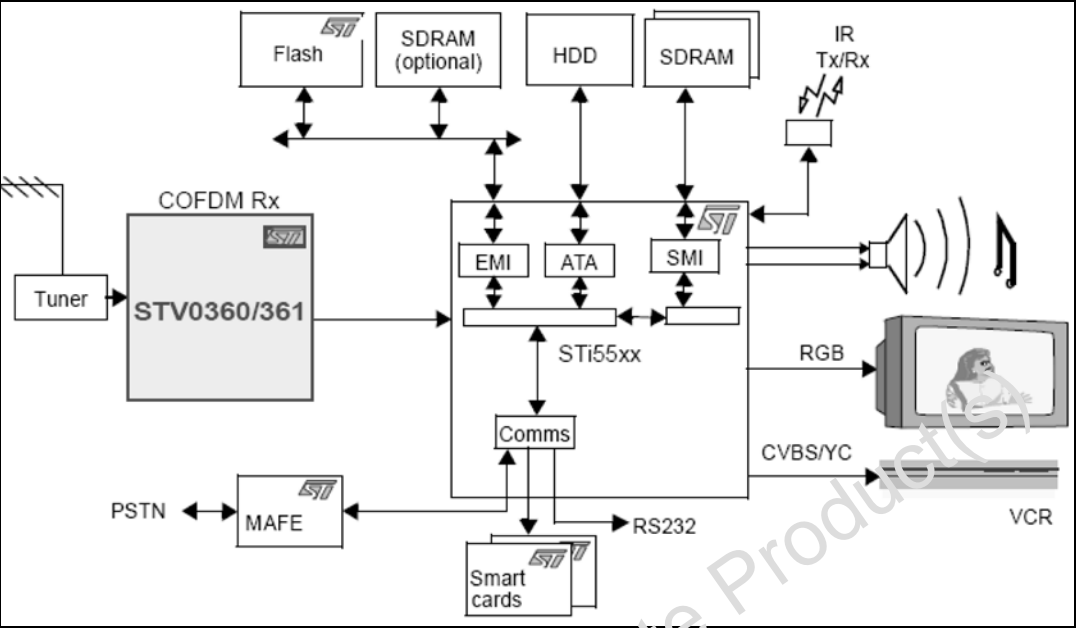


Table 1. Order codes

Part number	Description
STV0360	Single chip COFDM demodulator
STV0361	Single chip COFDM demodulator

# 1 Revision history

Table 2. Document revision history

Date	Revision	Changes
Oct 2004	2	Initial release
02-Apr-2009	2	New template, title change and <a href="#">Table 1</a> amended

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