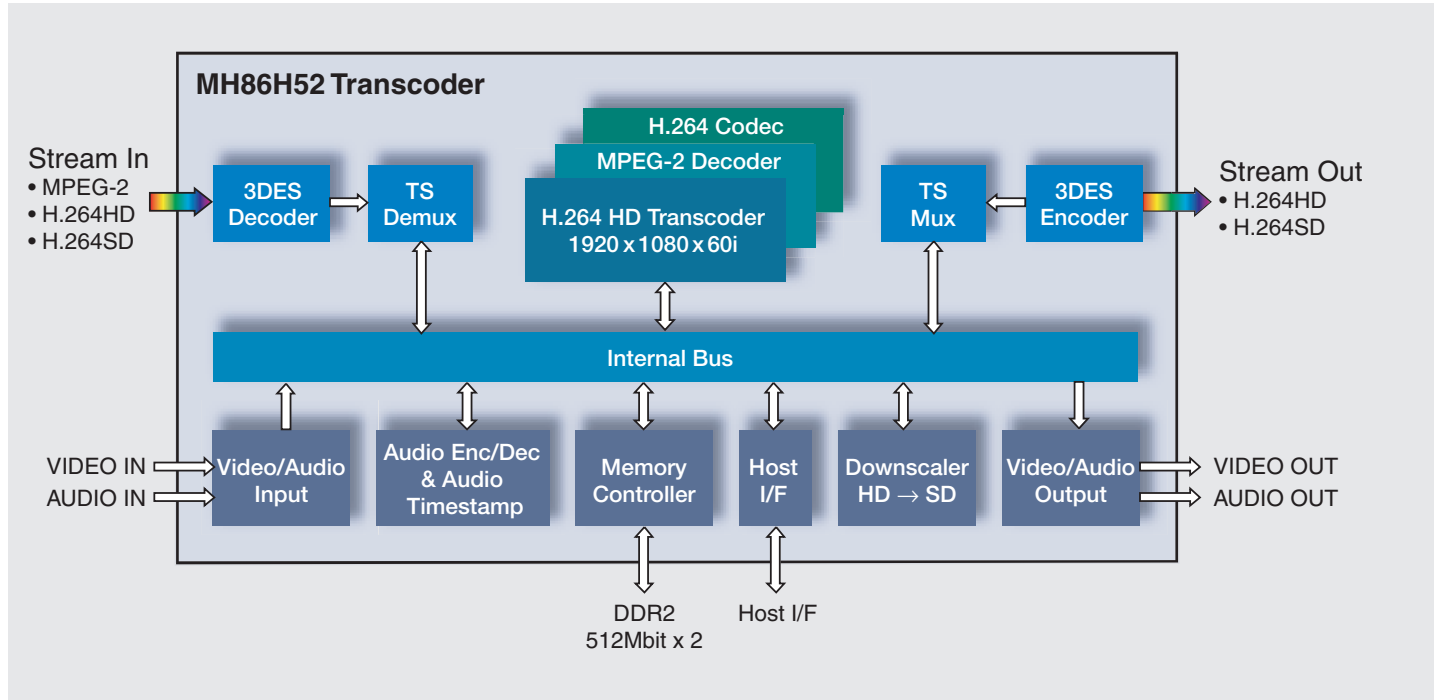


# MB86H52 MPEG-2 HL to H.264 HD Transcoder



## Introduction

The Fujitsu MB86H52 can compress full HD (1920 dots x 1080 lines) MPEG-2 video data to H.264 data. The new chip is a transcoder that can compress MPEG-2 video to less than half the data size.

The transcoder functionality is based on the video processing technology of the presently shipping full HD H.264 Codec (Encode / Decode) LSI product, the Fujitsu MB86H51. The new product, which utilizes proprietary, high-quality video technology developed by Fujitsu Laboratories,

maintains the quality of the inputted MPEG-2 video data when transcoding to H.264 format video data.

When the chip is used in recording equipment like hard disk recorders, the recording time can be lengthened by more than 2.5 times for the same hard disk storage capacity. The transcoded data size is reduced in the H.264 format, so it also allows transmission of full HD video over narrow bandwidth networks.

## Applications

- STB
- Hard Disk Recorders
- Next-generation DVDs for HDTV
- Home Networks/DLNA
- Video Servers

