



## Speech CODEC

### Overview

This software is a speech CODEC library for TLCS-870/C series and TLCS-900 family. It can easily support a recording and playback of speech by being embedded in a device.

### Features

- ◆ Supports speech recording and playback.
- ◆ Compact module size designed for embedding.
- ◆ Capable of compressing speech data into less than a half of the original size, using the proprietary compression technology.
- ◆ Supports a DA converter/PWM speech output system.

### Specifications

- ◆ CODEC Toshiba proprietary system
- ◆ Sampling Frequency Up to 16kHz
- ◆ Quantum Number 8 bits

### Operating Conditions

- ◆ Target MCU TLCS-870/C series, TLCS-900 family
- ◆ Resource Consumption ROM 387 bytes/RAM 13 bytes (for SWIP-V200)

### Package Contents

Object code, software manual, development support PC application

### Application Products

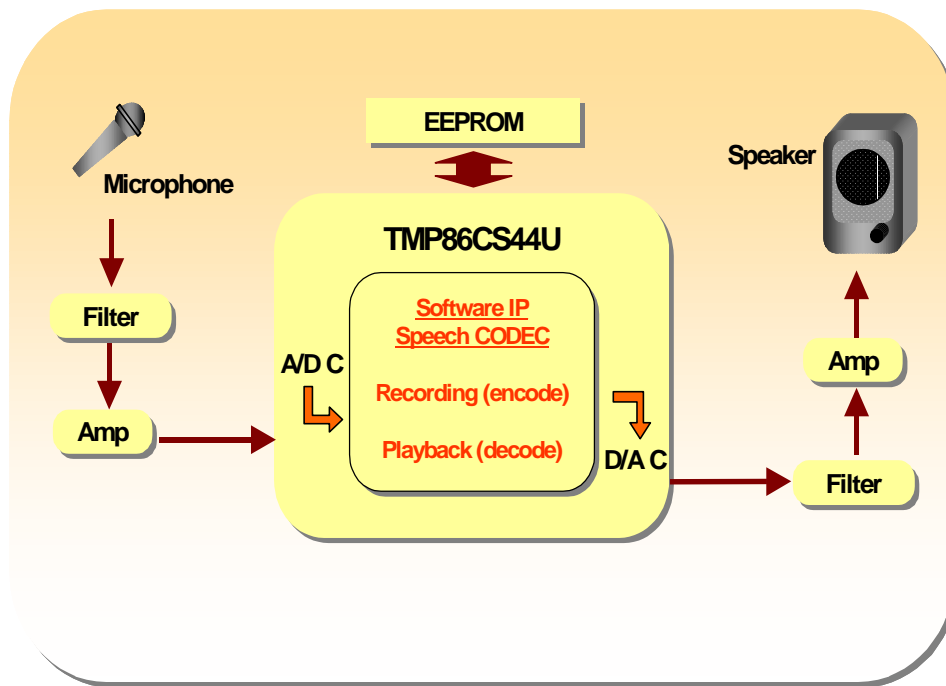
household appliances, toys and games, alarming devices, etc.

### Recommended MCUs

TMP86CS44 and all the other TLCS-870/C series  
TLCS-900/L1 series, TLCS-900/H1 series

\*For details, please contact your local Toshiba office.

## System Structure Example



## Lineup of Speech CODEC

SWIP-V100	TLCS-870/C series speech decode library (playback)
SWIP-V101	TLCS-900 family speech decode library (playback)
SWIP-V200	TLCS-870/C series speech encode/decode library (recording/playback)
SWIP-V201	TLCS-900 family speech encode/decode library (recording/playback)

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