

E0C33 Family VOX33 Middleware

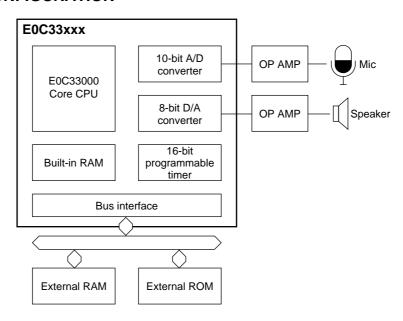
Voice compression and decompression middleware

- Voice compression and decompression middleware for the E0C33 Family
- Voice compression, decompression, and speed and pitch change supported
- Real-time execution in an E0C33 chip

■ FEATURES

- Voice middleware for the E0C33 Family is provided in the form of a linkable library in a 3.5-inch FD.
- Compression, decompression, a speaking part with D/A and a listening part with A/D are included in the library.
- Seiko Epson exclusive voice compression technology VOX provides voice compression and decompression with a high compression ratio. (An 8MHz sampled voice can be compressed to 8kbps standard to max 2kbps and various compression ratios can be selected.)
- With voice processing technology VSC, the voice speed can be changed from x2 to x1/4, and the voice pitch can be changed from x2 (high) to x1/3 (low).
- Supports PCM and ADPCM (40kbps, 32kbps, 24kbps, 16kbps).
- Suitable for voice memos, data banks with voice, PDA with voice, digital stationery with voice and digital toys with voice.

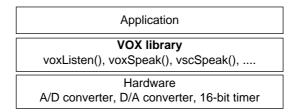
■ HARDWARE CONFIGURATION



■ SOFTWARE CONFIGURATION

VOX Library

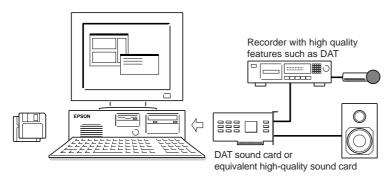
Libraries with voice subroutines that are called from the user's application.

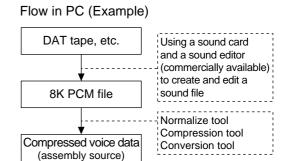


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VOX Tool

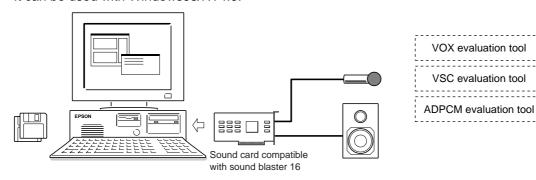
This tool creates compressed voice ROM data for replay only. It can be used with Windows95/NT4.0.





VOX Evaluation Tool

This is an evaluation tool for VOX and VSC technology using a sound board on a PC. It can be used with Windows95/NT4.0.



* This middleware is only available with the IC (E0C33 Family). This specification may change without notice.

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