
AR204

Voice Analysis and Editing Tool

GENERAL DESCRIPTION

The voice analysis and editing tool AR204 is used to translate voice into PCM, ADPCM or SBC data to create ROM data for OKI's voice IC.

The AR204 is composed of a voice analysis and editing board with a simplified ROM writer attached and editing software "VoicePRO2".

The voice analysis and editing board is inserted in the expansion slot of PC.

The VoicePRO2 editing software easily enables a high level voice analysis and editing by mouse operation as you watch voice waveforms on the display screen.

VOICE ICs

MSM6375 family (MSM6372, MSM6373, MSM6374, MSM6375, MSM6376, MSM63P74)

MSM6295

MSM6258

MSM5205

MSM6585

MSM6378A, MSM6379

MSM6388, MSM6588, MSM6688 (MSM6595A, MSM6596A, MSM6597A)

MSM6789A (MSM6595A, MSM6596A, MSM6597A)

MSM6650 family (MSM6650, MSM6652A, MSM6653A, MSM6654A, MSM6655A, MSM6656A,
MSM66P54, MSM66P56*)

MSM9802, MSM9803, MSM9805, MSM98P05*

MSM9810

Note: The * mark indicates a device under development.

FUNCTIONS

Sampling frequency : 4 to 48kHz (0.1kHz step)

ADC : 12 bits

LPF : -48dB/oct

Input : MIC/LINE (mono)

Output : SP/LINE (mono)

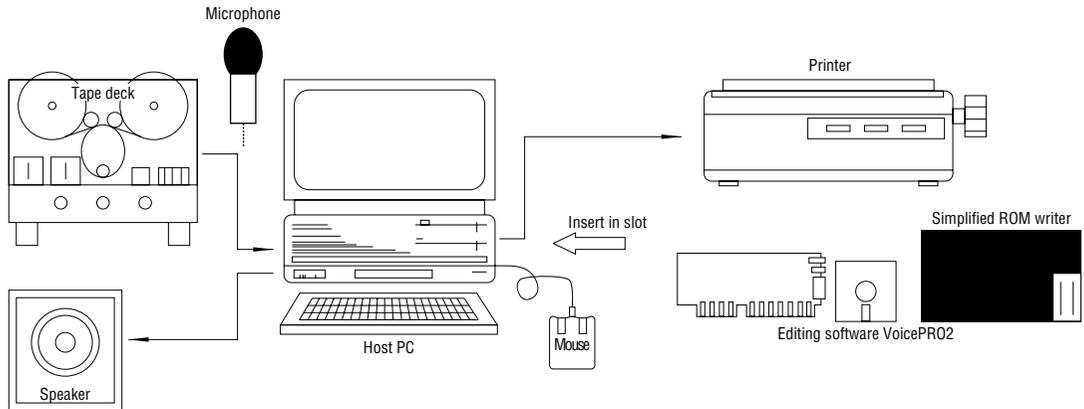
ROM writer : 256k to 8Mbit PROM

M6378A, M63P74, M66P54, M98P05, (M66P56)

Editing software : VoicePRO2 (WINDOWS95)

Voice data format : PCM, ADPCM, SBC, ADPCM2

COMPONENTS OF VOICE ANALYSIS SYSTEM



SUPPLY SYSTEM

AR204



COMPARISON OF DIFFERENT DEVELOPMENT TOOLS

		AR762	AR204	AR205*
Software name		VoicePRO	VoicePRO2	VoicePROLite (tentatively named)
Components	MAIN Board	ARP-AT+ (option)* ¹	PC Board	ARC-205
	ROM Witer	ROM Witer	ARW-03	ARW-03
	Software	VoicePRO	VoicePRO2	VoicePROLite (tentatively named)
Voice input		Analog	Analog	Sound bluster
Editor		VoicePRO	VoicePRO2	Sound bluster
Stereo/Mono		Stereo/Mono	Mono	Mono
Voice output (trial hearing)		AR762	AR204	AR205
Fsam		4-48kHz	4-48kHz	4-48kHz
ADC		16bit	12bit	—
Applicable OS		DOS	Windows95	Windows95

*1 Select ADPCM Board for ADPCM voice analysis or SBC Board for SBC voice analysis.
 The ADPCM Board and SBC Board cannot be used at the same time.
 The * mark indicates a device under development.