
AR204

Voice Analysis and Editing Tool

GENERAL DESCRIPTION

The voice analysis and editing tool AR204 is used to translate voice into PCM or ADPCM 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)

MSM6650 family (MSM6650, MSM6652A, MSM6653A, MSM6654A, MSM6655A, MSM6656A,
MSM6658A, MSM66P54, MSM66P56)

MSM9802, MSM9803, MSM9805, MSM98P05*, MSM9836, MSM9831

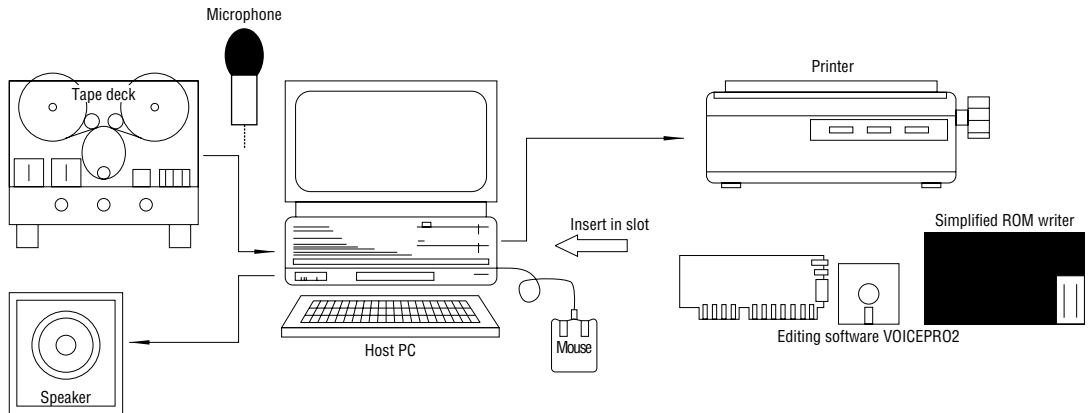
MSM9810, MSM9841, MSM9842, MSM9888L*

Note: The * mark indicates a device under development.

FUNCTIONS

Sampling frequency	: 4.0, 5.3, 6.4, 8.0, 10.6, 12.8, 16.0, 25.6, 32.0 kHz
ADC	: 16 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 (for Windows95)
Voice data format	: 8-bit straight PCM 8-bit nonlinear 3-bit, 4-bit ADPCM 4-bit, 5-bit, 6-bit, 7-bit 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+ ADP-98/AT	AR204 Board	ARC-205
	ROM Witer	ROM Witer	ARW-03	ARW-03
	Software	VOICEPRO	VOICEPRO2	VOICEPROLite (tentatively named)
Voice input		Analog	Analog	Digital (WAVE)
Editor		VOICEPRO	VOICEPRO2	—
Stereo/Mono		Stereo/Mono	Mono	Mono
Voice output (trial hearing)		AR762	AR204	—
Fsam		4-48kHz	4.0, 5.3, 6.4, 8.0, 10.6, 12.8, 16.0, 25.6, 32.0 kHz	
ADC		16bit	16bit	—
Applicable OS		DOS	Windows95	Windows95

The * mark indicates a device under development.

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