OKI Semiconductor

Preliminary

AR205

Voice Analysis Tool

GENERAL DESCRIPTION

The voice analysis and editing tool AR205 is used to translate voice data that was created with a sound bluster, into Intel HEX data for OKI's voice IC.

The AR205 is composed of a voice translation board ARC-205 with a simplified ROM writer attached and editing software "VOICEPROLite"

The VOICEPROLite uses the WAVE file of a sound bluster as a source data and translates the WAVE file into a format suitable for each voice IC to support writing to ROM. It should be noted that editing and manipulating of voice waveforms are not supported.

VOICE ICs

MSM6295
MSM6585
MSM6378A, MSM6379
MSM6588, MSM6688 (MSM6595A, MSM6596A, MSM6597A)
MSM6650 family (MSM6650, MSM6652A, MSM6653A, MSM6654A, MSM6655A, MSM6656A,
                              MSM6658A, MSM66P54, MSM66P56)
MSM9802, MSM9803, MSM9805, MSM98P05*, MSM9831
MSM9810, MSM9888L, MSM9836, MSM9841, MSM9842, MSM9844

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, 21.3, 25.6, 32.0 kHz
Input   : WAVE FILE
Output   : HEX FILE, PCM FILE
ROM writer   : 256k to 8Mbit general PROM
                                    M6378A, M6379, M63P74, M66P54, M66P56, M98P05
Editing software   : VOICEPROLite (tentatively named) (WINDOWS95)
Voice   : PCM, ADPCM, ADPCM2

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