

ISD-ES501

Evaluation System for the ISD5008

GENERAL DESCRIPTION

The ISD-ES501 Evaluation System is a Windows '95, PC-based system which allows the complete operation and signal routing of the ISD5008 product to be controlled by a PC via its parallel port. All the chip's functions can be easily adjusted in real time to allow for a complete evaluation of the ISD5008 for any end application. The PC con-

nects to the Evaluation System using a standard parallel port cable. The ISD-ES501 system consists of an ISD5008, evaluation board, Windows '95 evaluation system software (on floppy disk), external speaker and batteries (parallel port and cable is not included.)

Figure1: ISD-ES501 Evaluation System



FEATURES

- Graphical user interface allows real time setup of the ISD5008.
- Mouse “point and click” control of the features of the ISD5008.
- Full screen display of the internal block diagram and audio paths of the ISD5008. Selected audio paths are highlighted.
- ISD5008 configuration register’s bits are set automatically once a desired path is selected.
- Visual display of the operation code to set any command or configuration. Use these bit settings for software routines.
- Commonly used audio paths can be modified and saved.
- Record and playback messages from any address.
- Continuous read-out of addresses during *Record* and *Playback* operation.
- All input and output amplifier gain settings can be adjusted.
- AGC can be enabled or disabled.
- Selectable digital volume control.
- Selectable speaker or auxiliary output.