

ESS1868 PnP, Wavetable, 3D

<i>Digital Audio</i>	ES1868 Audio PnP Chip, Full-Duplex
<i>ADC (recording)</i>	16 bits stereo
<i>DAC (playback)</i>	16 bits stereo
<i>Sampling rate</i>	4KHz-44.1KHz
<i>Compression</i>	ADPCM, ESPCM (ESS proprietary)
<i>Synthesized Sound</i>	
<i>ESFM Synthesizer</i>	Stereo (20 voices /72 operators)
<i>OPL3 Compatible, FM Synthesizer</i>	Stereo (20 voices /36 operators)
<i>MIDI Interface</i>	MPU401 (UART mode), Sound Blaster MIDI
<i>WaveTable</i>	AdMOS QS1000
<i>3D Effect Sound</i>	Qsound 3D effect chip
<i>Effect</i>	Produce a wide sound image from normal stereo input
<i>Input source</i>	No encoding of input signals is required., Two signals for enhancement level and bypass control
<i>Noise ratio,</i>	Low noise: 45 μ Vrms., High SNR: 87dB (typ).
<i>Output Power Amp.</i>	2 watts per channel
<i>Audio Mixer</i>	Output/Input 6 channel Mixing
<i>Output Mixing</i>	Line-in, Synthesizer, CD-Audio, Wave & Mic.
<i>Input Mixing</i>	Line-in, Synthesizer, CD-Audio & Mic.
<i>Compatibility,,</i>	Sound Blaster, Sound Blaster Pro, AdLib, Windows,, Windows NT, Windows 95, IBM OS/2,, Windows Sound system, MPC, MPCII
<i>Card Configuration,</i>	Plug and Play under Windows 95, Software programmable under DOS and Windows 3.x
<i>Board Features</i>	
<i>Connectors</i>	Switchable for Line Out (stereo) or Speaker out (stereo), MIDI/Joystick Connector, 3D-Audio connector,, Extension WaveTable Connector, CD-Audio (stereo),, Mic In (mono), Line in (stereo)
<i>Size</i>	16 Bit Plug-in card (6.57"x3.74")
<i>CD-ROM Interfaces</i>	ATAPI secondary IDE interface
<i>Audio Utilities</i>	
<i>Standard</i>	AudioRack- Windows 3.x basic sound system utilities,, includes mixer, recorder, CD player,, Wave player, and MIDI player, Win95 Audiorack- Windows 95 basic sound system utilities, includes mixer, recorder, CD player,, Wave player and MIDI player.