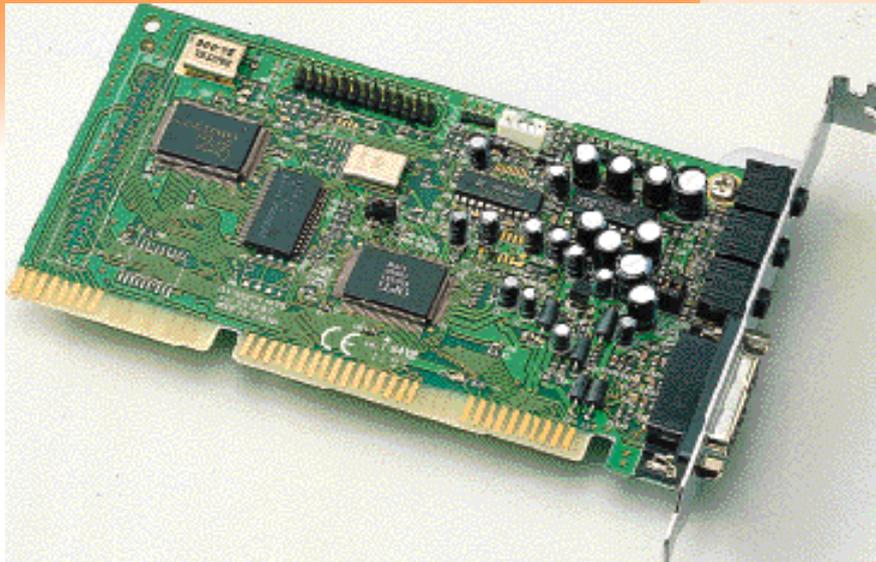# BTC 1817DS/DWS

## FEATURES:

### Support Standards

· **Sound Blaster, Sound Blaster Pro compatible**

· **Microsoft Windows Sound System compatible**

· **Microsoft Plug-and-Play compatible**

· **IBM OS/2 Warp, Adlib compatible**

### Superior Sound

· **True 16-bit stereo sampling**

· **Sampling rate from 4KHz to 48KHz**

· **Supports IMA ADPCM, u-law, A-law decompression**

· **Supports 16-bit DMA playback, accelerates telephony-audio applications**

· **Full duplex CODEC support**

· **5 stereo channel mixer for Lin in, MIC. in, Master, FM and MIDI**

· **1 mono channel mixer for microphone**

· **Hardware 3-D sound supports**

· **64 voice software wavetable supports**

· **Hardware wavetable supports (1817DWS optional)**

### CD-ROM Drive Interface

· **Built-in CD-Audio jack**

### Game Port

· **Supports 2 Joysticker/Game port**

### Ease of Use

· **Microsoft 16-bit plug-and-play compatible**

· **16-bit ISA bus interface**

· **I/O address, IRQ and DMA channel can be set through software**

· **Single Plug-and-Play chip support Audio, Joysticker Port, FM, MPU401, CD-ROM and additional user-defined I/O device**

· **Built in internal speaker out**

### Advance Synthesizer

· **High quality 22 voice, 52 operator OPTIFM music synthesizer with enhanced bass**

· **MPU401 & MIDI interface**

· **OPL4 and Wave Blaster upgrade for wavetable synthesis**

### Hardware Wavetable (1817DWS optional)

· **General MIDI compatible**

· **32 polyphonic playback at 44.1Khz**

· **Advance time variable filter and amplitude control (ATFA)**

· **Advance Q-PCM sound synthesis**

· **Supports up to 16M x 8 sampling memory**

### 3D Sound Support

· **Advance speaker extension 3D sound effect**