Product Description

GAO's G.722 vocoder operates at 64, 56, or 48 kbps. It converts audio signals to uniform digital signals, which are coded using 14 bits with 16 kHz sampling. The module utilizes a SB-ADPCM decoder, which performs the reverse operation to the encoder.

Key Features

- ✓ Operates at 64, 56, or 48 kbps.
- ✓ Converts audio signals to uniform digital signals which are coded using 14 bits with 16 kHz sampling.
- ✓ Utilizes a SB-ADPCM decoder which performs the reverse operation to the encoder.
- ✓ User selectable processing frame size and I/O formats.
- ✓ In-band synchronization capable.
- ✓ Complies with the ITU H.320 standard for video conferencing.

Leadership in Embedded Communications Software

With over a decade of experience, GAO leads the embedded communications software market by providing comprehensive modem, fax, speech, and telephony technologies; broad technical expertise; and unsurpassed support to our world-class customers including electronics, communications, and semiconductor companies across the globe. GAO's software integrates easily with MP3, MPEG, TCP/IP, and most popular real-time operating systems.

Rigorous Testing

GAO's testing facilities are equipped with state-of-the-art test equipment. Our software is rigorously tested on TAS, Consultronics, Rochelle, Advent and Telegra equipment under various channel models according to the relevant ITU or TIA standards. All GAO's speech software has passed the test vectors specified by the ITU. Our telephony software meets all appropriate TIA, EIA, BellCore, and Mitel standards.

GAO Group

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