



PERCOM DATA COMPANY, INC.
4021 WINDSOR • GARLAND, TEXAS 75042

RELEASE Immediate

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NEWS RELEASE

SINGLE PC CARD FOR S-100 BUS

INCLUDES BOTH CASSETTE AND RS-232 INTERFACE CIRCUITS

GARLAND, Texas - January 12, 1977 - PerCom Data Company today introduced the first Imsai/ALTAIR compatible, dual Cassette/Terminal interface card.

Designated the CI-812, the dual-function card combines interfacing functions normally requiring two or three PC cards.

"The CI-812 is very likely the only interface card many owners of S-100 bus computers will ever need," according to Harold Mauch, head of product development at PerCom.

The cassette interface phase encodes (Manchester/Biphase) at the KC Standard rate of 30 bytes/second, and at 60, 120, or 240 bytes/second for rapid loading of frequently used programs. In fact, the CI-812 is the only interface on the market today which provides both KC Standard and high speed phase encoding.

The advantage of self-clocking encoding, according to Mauch, is that users can expect extremely high reliability, even at the fastest data rates, using simple, inexpensive audio cassette recorders.

The self-clocking feature virtually eliminates tape speed variation errors, he said.

The cassette interface record and playback circuits are completely independent, and the card is patterned to include optional DIP reed relays -- which may be ordered as a kit -- for program control of two recorder/players. This permits operations such as cross-filing.

The CI-812 companion circuit, the RS-232 terminal interface, is full duplex and provides for data exchange at 300 to 9600 baud.

The CI-812 has been designed to operate with existing user's software with little or no modification.

The CI-812 kit price is \$89.95. Assembled, it costs \$119.95. An instruction manual is included.

Items may be ordered directly from PerCom Data Company, 4021 Windsor, Garland, TX 75042. Mail orders require an additional 5% for shipping, and 10% if COD. Texas residents must also include 5% for sales tax.

Features of the CI-812 are listed on page two.

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- * Both Cassette and Terminal interfaces on one PC card.
- * Altair/IMSAI (S-100 bus) compatible.
- * Phase-locked and UART data recovery circuits ensure reliability at all data rates.
- * 30, 60, 120 or 240 bytes/second cassette interface.
- * 300 -- 9600 baud, full-duplex RS-232 interface.
- * Program selects cassette or terminal input.
- * User determines control and data port addresses.
- * Little or no user software modification necessary.
- * Independent cassette playback/record circuits permit cross-filing.
- * Cassette data rate is independent of terminal data rate.
- * Comprehensive instruction manual includes software.
- * Optional test cassette contains diagnostic patterns, test tones, and L/D software. (\$4.95)
- * Optional Remote Control Kit permits program control of two cassettes. (\$10.95)

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