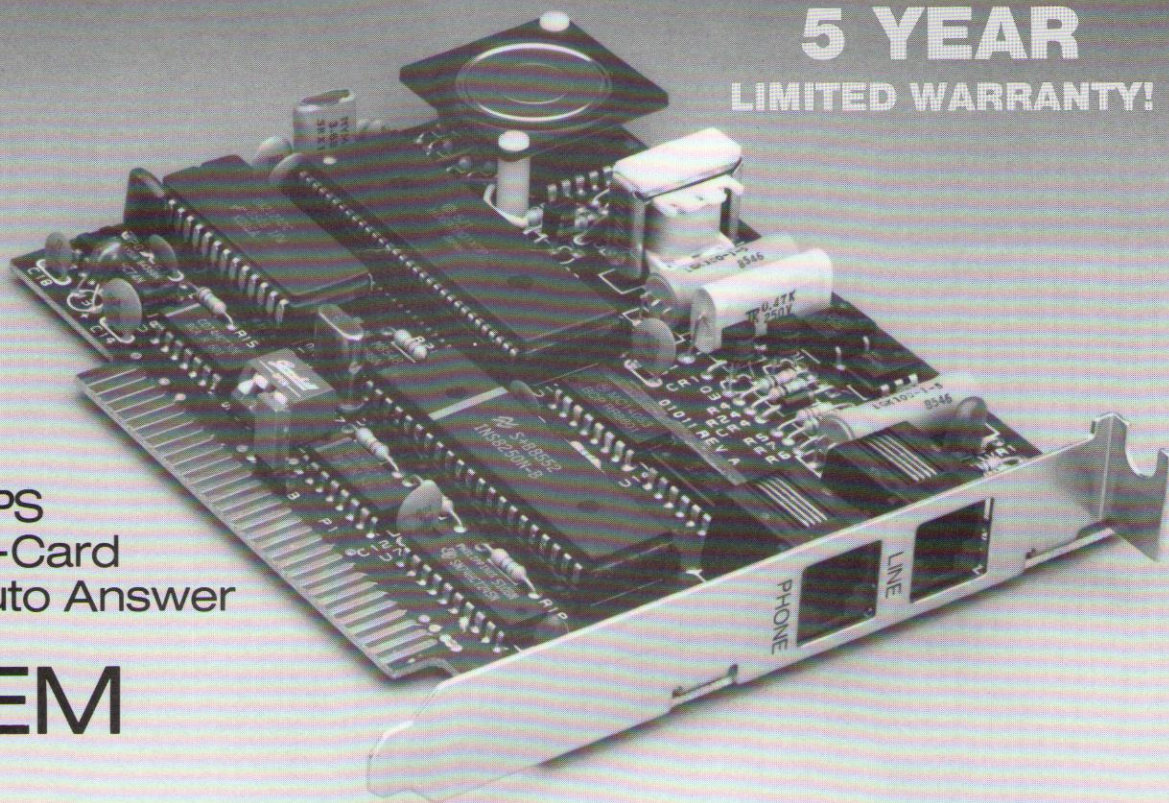# VOLKS i

5 YEAR LIMITED WARRANTY!

Intelligent
1200/300 BPS
Internal Half-Card
Auto Dial/Auto Answer

MODEM

for IBM™ and IBM compatible computers

The Volks i from Anchor Automation now offers the professional, personal and home user of IBM PC, XT and AT or compatible microcomputers an intelligent and powerful dial modem in the popular half-card configuration.

The performance and reliability of the VOLKS i has been dramatically improved over previous designs through the use of coherent receiver technology with high-speed CMOS parts, resulting in not only lower power consumption but an order of magnitude less heat generation. Both are important parameters in assuring the long term performance of a fully optioned microcomputer-based system.

The VOLKS i operates at 1200 bps (212A) or optionally at 300 bps (103J). Configuration of the unit is accomplished using the command structure of the Hayes Smartmodem™. A minimum thickness envelope, absence of switches and easy access to the two telephone jacks provide easy installation.

A fully supported AT command set and the 17 "S" registers allow the VOLKS i to work with most of the standard communications packages available today. A software controlled on-board speaker provides audible call progress monitoring.

Together with a telecommunications software package, your computer and the VOLKS i you can transform your system into a powerful communications facility. You can access remote data bases and bulletin boards, upload and download programs and even access your own computer from a remote terminal. The first time user can install the VOLKS i and be on-line in less than a half hour.

The VOLKS i with appropriate software provides all of the features and performance characteristics expected of a fully professional intelligent telecommunications system, with a size and price much less than would be anticipated. At Anchor Automation, we believe that quality, innovation and economy can be compatible.

ANCHOR AUTOMATION
A Leader in Modem Technology

VOLKS i

Specifications:

DATA RATES:	300/1200 bps
MODULATION:	PSK (Phase Shift Keying) @ 1200 FSK (Frequency Shift Keying) @ 300
COMPATIBILITY:	212A (1200) 103J (300)
OPERATIONAL MODES:	Automatic Answer Automatic Dialout Automatic speed selection Automatic Originate/Answer mode selection
DATA FORMAT:	Asynchronous, bit serial
COMMAND OPTIONS:	Half/Full Duplex/Echoplex Answer Mode Originate Dialing Speed Dial Tone Wait Time Answer Wait Time Auto Answer Ring Number Escape Code Character Set Carriage Return Character Set Line Feed Character Set Backspace Character Set Predial Wait Time Set Carrier Loss Wait Time Set Mixed Pulse/Tone Dialout
DATA INTERFACE:	IBM bus compatible
TELEPHONE INTERFACE:	RJ-11 Telephone line RJ-11 Local Teleset (optional)
CHARACTER LENGTH:	Eight bits, plus start and stop bits
TRANSMIT LEVEL:	– 10 dbm
RECEIVE LEVEL:	On at -43 dbm Off at -45 dbm
DYNAMIC RANGE:	35 dbm
OPERATING ENVIRONMENT:	0 to 50 degrees C (32 to 122 degrees F) 95% RH non-condensing
WEIGHT:	170 gm (6.0 oz)
WARRANTY:	Five year limited warranty

Applications:

The VOLKS i, your computer and software provide you with computer access to:

Public Databases   Computer Bulletin Boards
Retrieval Services   University Library Systems
Stock Market services   Computer-to-computer linkups

ANCHOR AUTOMATION, INC.

SIGNALMAN EXPRESS

Intelligent
1200/300 BPS
AutoAnswer/AutoDial
MODEM

TR HS OH CD AA SD RD MR   VOL   ON OFF

▲ The SIGNALMAN EXPRESS™ from Anchor Automation offers the professional, personal and home computer user an intelligent modem that combines the lastest hardware technology, advanced programming techniques and the most useful features available today.

▲ The SIGNALMAN EXPRESS is designed with CMOS components, including microprocessor, which results in very low power consumption, high reliability and enhanced noise immunity.

▲ The SIGNALMAN EXPRESS utilizes the widely accepted command structure of the Hayes Smartmodem™, allowing computers and terminals to communicate via the RS-232-C interface connector.

▲ An extended command set features a "Help Screen" that provides a list of all commands. In addition, an "S" Register Status Command shows the configuration of all 19 "S" registers, and a Switch Status Command displays the settings of the configuration switches.

▲ The SIGNALMAN EXPRESS is also equipped with a battery backed telephone number and comment directory. It detects true dial tone and busy signals to facilitate dialing, with a volume controlled speaker to monitor audible call progressions. In addition, two phone jacks are provided to allow normal voice or data communications without extra phone outlets.

▲ The SIGNALMAN EXPRESS provides all the features needed in an intelligent modem and more, for a price much less than you would expect. At Anchor Automation, we believe quality, innovation and economy can be compatible.

▲NCHOR AUTOMATION
A Leader in Modem Technology

SIGNALMAN EXPRESS

Specifications

DATA RATE:	1200/300 bps
MODULATION:	PSK (Phase Shift Keying)
COMPATIBILITY:	212 A
OPERATIONAL MODE:	2-Wire Full Duplex, Auto Dial, Auto Answer
DATA FORMAT:	Asynchronous, bit serial
CHARACTER LENGTH	8 bit no Parity, or 7 bit with Parity plus start and stop bit
DIAGNOSTICS:	Analog Loopback
EQUALIZATION:	Fixed Compromise
INDICATORS:	MR Modem Ready TR Data Terminal Ready OH Off Hook RD Receive Data SD Send Data CD Carrier Detect AA Auto Answer HS High Speed
SWITCHES/CONTROLS:	Power On/Off Volume Control 8 position Configuration Switch
DATA INTERFACE:	RS232 C, DB-25 Female Connector
TELEPHONE INTERFACE:	RJ-11, Permissive Arrangement
REGISTRATION NUMBER:	B4V8N2-70606-DM-E
RINGER EQUIVALENT:	0.5 A–1.6 B
TRANSMIT LEVEL:	−10 dbm Fixed
CARRIER SENSITIVITY:	On @ - 43 dbm Off @ - 47 dbm
DYNAMIC RANGE:	35 db
POWER REQUIREMENTS:	115 VAC +/− 10%, 40 ma 4.5V battery (NEDA 1307A)
OPERATING ENVIRONMENT:	0 to 50°C (32 to 122°F) 95% RH non-condensing
SIZE:	23.0 cm x 15.2 cm x 2.5 cm (9.0" x 6.0" x 1.5")
WEIGHT:	455 gm (16 oz.)
WARRANTY:	2 year limited warranty

Hayes Smartmodem™ is a registered trademark of Hayes Microcomputer Products, Inc.