Introduction

This guide describes how to install the PacketBlaster card in any computer with an IBM PC AT-compatible (ISA) bus and an available 16-bit expansion slot.

The PacketBlaster allows stand-alone PCs or multiple users on a Local Area Network (LAN) to make very high speed connections to a Wide Area Network (WAN). These connections are typically made through the PacketBlaster to external communications equipment (including CSUs, DSUs, and synchronous and asynchronous modems) to provide access to WAN lines. Direct connections to a host computer or to another PacketBlaster or compatible EiconCard are also supported.

The PacketBlaster features a 10MHz Hitachi 64570 controller and 64KB of on-board RAM. It has two independent Very High-Speed Interface (VHSI) ports, supporting full duplex communications over a V.24, V.35, EIA-530, V.36, RS-449, or X.21 interface at speeds of up to 2 Mbps per port (depending on the type of interface selected).

No interface selection is required beyond connecting the appropriate cable to the PacketBlaster. The intelligent controller on the card detects which interface(s) the cable supports and automatically configures that port accordingly.

Installing the PacketBlaster

1. When installing the PacketBlaster for use by a Local Area Network, install it in the gateway PC.
2. Turn off the PC and disconnect the power cable. Remove its cover according to the manufacturer's instructions.
3. Verify the I/O address setting on the PacketBlaster. The PacketBlaster is shipped with the I/O address set to 380h. If this setting conflicts with the I/O address of another card installed in the PC, you can change it using the address switches on the PacketBlaster. See "Setting the I/O Address," on page 3 for detailed instructions.
4. Install the PacketBlaster in one of the 16-bit expansion slots in your PC. Secure the PacketBlaster to the chassis of your computer using the bracket-retaining screw.
5. Reinstall the cover of your PC. Reconnect the power cable.
6. Connect the PacketBlaster to your data communications equipment, to a host computer, or to another PacketBlaster or compatible Eicon Technology EiconCard, using the specific cable required for the type of interface you will be using (see "Selecting an Interface," on page 6).
7. Start the configuration software provided either with the card or with your networking software. Use this configuration software to set the interrupt request level of the PacketBlaster (see "Setting the Interrupt Request Level," on page 5), and to specify parameters for the specific type of connections you will be making with the PacketBlaster (for more information, consult the manuals supplied with your networking software).
8. The PacketBlaster is now ready to establish connections.

Setting the I/O Address

The PacketBlaster is shipped with a default I/O address setting of 380h. This address can be changed by setting switch SW1 (Figure 1) to any of the 16 standard I/O addresses listed in Table 1. Hold the card as shown to ensure that the switch numbers and on/off positions correspond exactly with the diagram.

You only need to change the default I/O address setting if it conflicts with another card. For further information see "Avoiding I/O Address Conflicts" on the next page.

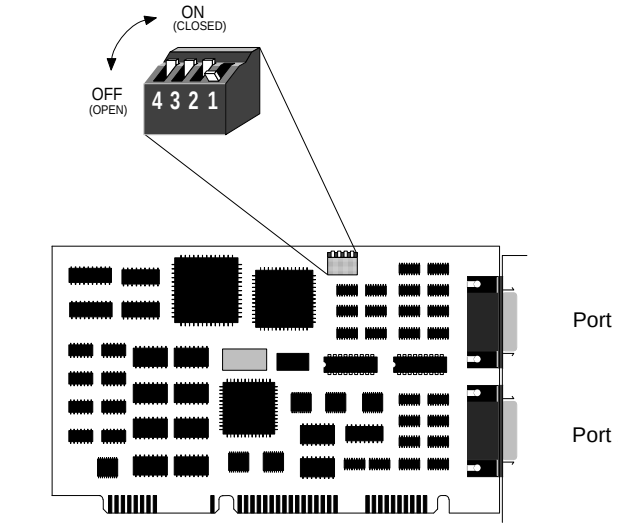

Figure 1. I/O Address Switch

I/O Address	1	2	3	4	I/O Address	1	2	3	4
300h	on	on	on	on	**380h**	**off**	**on**	**on**	**on**
310h	on	on	on	off	390h	off	on	on	off
320h	on	on	off	on	3A0h	off	on	off	on
330h	on	on	off	off	3B0h	off	on	off	off
340h	on	off	on	on	3C0h	off	off	on	on
350h	on	off	on	off	3D0h	off	off	on	off
360h	on	off	off	on	3E0h	off	off	off	on
370h	on	off	off	off	3F0h	off	off	off	off

Table 1. I/O Address Switch Positions

Avoiding I/O Address Conflicts

Along with the single I/O address that you select using the card's switches (the "base address"), the PacketBlaster also recognizes and responds to 1023 related addresses. These are the I/O addresses whose binary value includes the base address. More specifically, the PacketBlaster will recognize any 16-bit I/O address which contains the precise bit pattern of the base address at bits 4 to 9. For example, the default I/O address (380h) is represented by the following binary number:

Bit #	***15***	***14***	***13***	***12***	***11***	***10***	***9***	***8***	***7***	***6***	***5***	***4***	***3***	***2***	***1***	***0***
380h	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0

The outlined portion shows which bits represent the base address. Any 16-bit I/O address which contains the same combination of bit values in this location will be recognized by the PacketBlaster, regardless of how the other bits are set. Thus when the default address is used, for example, the PacketBlaster would respond to all of the following I/O addresses:

Bit #	***15***	***14***	***13***	***12***	***11***	***10***	***9***	***8***	***7***	***6***	***5***	***4***	***3***	***2***	***1***	***0***
380h	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
38Eh	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0
8381h	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1
E380h	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0
FF8Fh	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1

Although the values of bits 0 to 3 and bits 10 to 15 are ignored for the purpose of address recognition, these bits provide other types of information to the PacketBlaster.

To summarize, the PacketBlaster will recognize the base address selected using the card's switches, plus another 1023 addresses whose 16-bit binary value includes the base address at bits 4 to 9. No other device may use any of these I/O addresses.

Setting the Interrupt Request Level

The interrupt request level (IRQ) is set with configuration software that was supplied either with the PacketBlaster or with your networking software. Consult the documentation provided with this software for specific instructions.

If more than one device is trying to use the same interrupt request level, you will have problems with one or all of these devices. To correct such problems, set the PacketBlaster to another IRQ.

Commonly used IRQs are shown in Table 2. Note that you may be able to make additional IRQs available by disabling serial port 2 and/or parallel port 2. Consult your PC manual for details.

Interrupt Request Level	IBM PC AT (286/386/486)
IRQ2	Available
IRQ3	Serial Port 2
IRQ4	Serial Port 1
IRQ5	Parallel Port 2
IRQ6	Diskette Controller
IRQ7	Parallel Port 1
IRQ10	Available
IRQ11	Available
IRQ12	Available
IRQ14	Fixed Disk
IRQ15	Available

Table 2. Interrupt Request Levels for the IBM PC AT

Selecting an Interface

The PacketBlaster is capable of connecting as a DTE to devices such as Data Service Units (DSUs) which support one of the following interfaces: V.24, V.35, EIA-530, V.36, RS-449, or X.21. It can also connect directly to a host computer or back-to-back to another PacketBlaster or to a compatible EiconCard. The interface is set separately for each of the two VHSI ports.

Table 3 lists the most common connections for each interface, and gives the part number of the required Eicon Technology cable. (For information on making your own cables, see “Cable Construction Information,” on page 9.)

Interface	*Connection*	*Part #*
V.24	to V.24 DCE	300-077
	to V.24 DTE	300-078
V.35	to V.35 DCE	300-076
	to V.35 DCE (France)	300-083
EIA-530	to EIA-530 DCE	300-080
V.36 and RS-449	to V.36/RS-449 DCE	300-079
X.21	to X.21 DCE	300-081
Direct	to VHSI port on another PacketBlaster or compatible Eicon Technology EiconCard	300-075

Table 3. Standard Interface Cables

No additional interface selection is necessary after connecting the appropriate cable to one of the VHSI ports. The PacketBlaster recognizes which cable is installed and automatically configures the corresponding interface for that port.

(This applies to cables specifically designed to work with the VHSI port. If you use a third-party cable which the card cannot recognize, you must select the interface type using your configuration software.)

Additional software-based configuration may be required before establishing an active connection. Consult the manuals provided with your networking software for further information. The positions of port 1 and port 2 are shown in Figure 1 on page 3.

Connection Status Indicators

A green LED adjacent to each port on the PacketBlaster provides a convenient indication of the status of the connection on that port. The state of the LED—off, flashing, or on—indicates the status as follows:

LED State	Connection Status	Remedy
Off	The port is not loaded (the configuration file describing protocol and interface parameters has not been read by the device driver on the PC).	Consult your networking software for instructions on how to load a configuration file and how to start a connection.
Rapid Flash (stays on for 1/2 second)	The connection has not been established. Either the port is loading **OR** there is no response from the destination device **OR** the PacketBlaster is waiting for a VHSI cable to be connected to the port.	Verify that the cable is properly connected to the port. If the light continues flashing after a few minutes, verify that the destination device is active.
Slow Flash (stays on for 1 second)	The connection was interrupted unexpectedly. The cable was unplugged or damaged while a connection was active.	Reconnect the cable.
On	The port is active and the connection is good.	

Table 4. Explanation of LED States

Interface Specifications

The standards compliant with each interface supported on the VHSI ports are listed in Table 5. The rest of this section describes the allocation of pins used to implement the electrical and signalling requirements of each interface. A wiring diagram is also provided, to show the correspondence of the interface pinout to the VHSI port.

Interface	*Standard*	*Compatibility*
V.24	CCITT V.24	Signalling
	CCITT V.28	Electrical
	CCITT X.21bis	Electrical and signalling
	EIA RS-232-C	Electrical and signalling
	ISO 2110	Connector type for the DCE side of a V.24 VHSI Modem Cable
V.35	CCITT V.28	Some signals for electrical
	CCITT V.35	Some signals for electrical and signalling
	ISO 2593	Connector type for the DCE side of a V.35 VHSI Modem Cable
EIA-530	RS-422	Electrical
	RS-423	Electrical
	ISO 2110	Connector type for the DCE side of a EIA-530 VHSI Modem Cable
V.36 and RS-449	CCITT V.10	Electrical
	CCITT V.11	Electrical
	RS-422	Electrical
	RS-423	Electrical
	ISO 4902	Connector type for the DCE side of a V.36/ RS-449 VHSI Modem Cable
X.21	CCITT X.21	Signalling
	CCITT V.11	Electrical
	CCITT X.27	Electrical
	EIA RS-422-A	Electrical
	ISO 4903	Connector type for the DCE side of an X.21 VHSI Modem Cable

Table 5. Interface Compatibility

Cable Construction Information

If you plan to construct your own VHSI cables, consult the information below in conjunction with the wiring diagrams provided on the following pages.

Wire Gauge, Grounding, and Pairing

- Use 28 AWG 7-strand wire with 0.020–0.028" insulation.
- Chassis grounding is by both a drain wire and by the braid; both must be connected to the connector case and shell at each end of the cable (the braid must be connected through its full circumference).
- Wires identified in the diagrams by the same italic letter under the words “Pairing Guide” must be paired (does not apply to the V.24 interface).

Type of Connectors

The VHSI port accepts a high density 36-pin male cable connector. The types of connector used on the interface-specific end of the cable are as follows:

Interface	*Connector*
V.35	Type M
V.24	DB25
V.36/RS-449	DB37
EIA-530	DB25
X.21	DB15

Table 6. Connector Types

Cable Identification Pins

Several pins on the VHSI side of each type of cable are used to identify the cable to the card. These connections are described in the wiring diagram for each interface.

The V.24 Interface

A pin-out diagram for the V.24 interface is shown in Figure 2. The signal definitions and names are listed in Table 7.

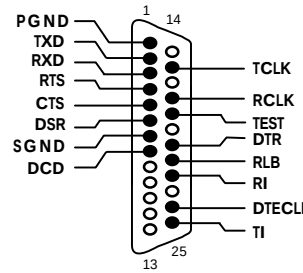

Figure 2. V.24 Interface

Pin #	Signal	Name	Direction	CCITT #
1	PGND	Protective Ground	Common	101
2	TXD	Transmit Data	Output	103
3	RXD	Receive Data	Input	104
4	RTS	Request to Send	Output	105
5	CTS	Clear to Send	Input	106
6	DSR	Data Set Ready	Input	107
7	SGND	Signal Ground	Common	102
8	DCD	Data Carrier Detect	Input	109
15	TCLK	Transmit Clock (DCE)	Input	114
17	RCLK	Receive Clock	Input	115
18	TEST	Local Loopback Activation	Output	141
20	DTR	Data Terminal Ready	Output	108
21	RLB	Remote Loopback	Output	140
22	RI	Ring Indicator	Input	125
24	DTECLK	Transmit Clock (DTE)	Output	113
25	TI	Test Indicator	Input	142

Table 7. V.24 Interface Signals

VHSI—V.24 Connections

The wiring diagram below shows the connections required to construct a VHSI—V.24 cable. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

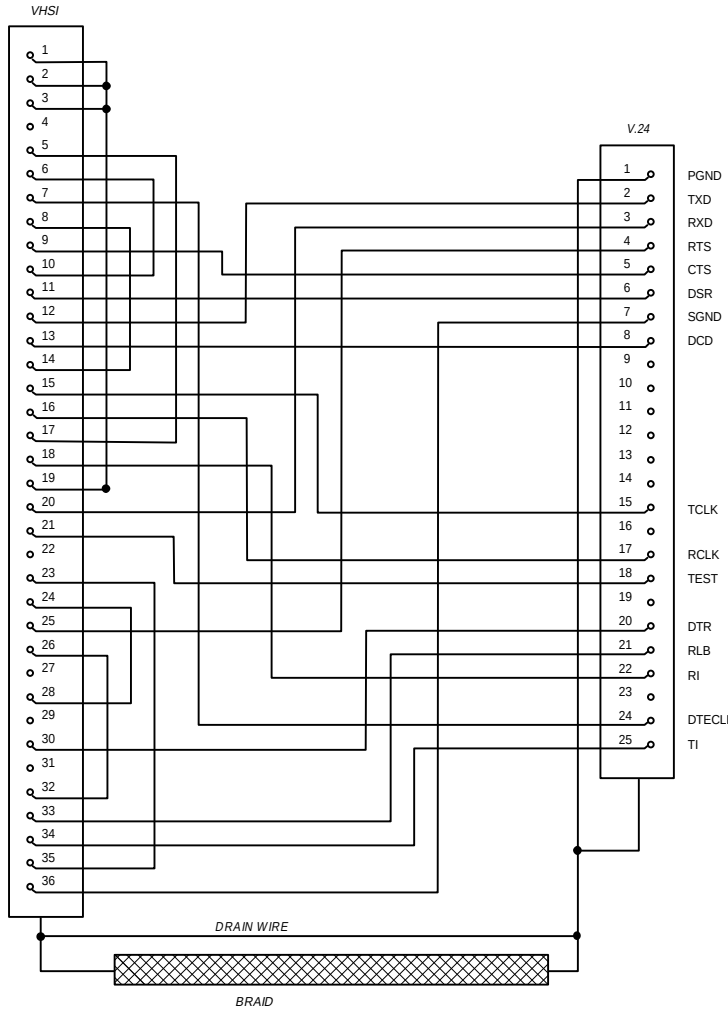

Figure 3. VHSI—V.24 Connections

The V.35 Interface

A pin-out diagram for the V.35 interface is shown in Figure 4. The signal definitions and names are listed in Table 8.

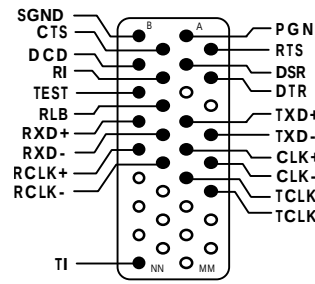

Figure 4. V.35 Interface

Pin #	Signal	Name	Direction	CCITT #
A	PGND	Protective Ground	Common	101
B	SGND	Signal Ground	Common	102
C	RTS	Request to Send	Output	105
D	CTS	Clear to Send	Input	106
E	DSR	Data Set Ready	Input	107
F	DCD	Data Carrier Detect	Input	109
H	DTR	Data Terminal Ready	Output	108
J	RI	Ring Indicator	Input	125
L	TEST	Local Loopback Activation	Output	141
N	RLB	Remote Loopback	Output	140
P	TXD+	Transmit Data	Output	103A
R	RXD+	Receive Data	Input	104A
S	TXD-	Transmit Data	Output	103B
T	RXD-	Receive Data	Input	104B
U	CLK+	Transmit Clock (DTE)	Output	113A
V	RCLK+	Receive Clock (DCE)	Input	115A
W	CLK-	Transmit Clock (DTE)	Output	113B
X	RCLK-	Receive Clock (DCE)	Input	115B
Y	TCLK+	Transmit Clock (DCE)	Input	114A
AA	TCLK-	Transmit Clock (DCE)	Output	114B
NN	TI	Test Indicator	Input	142

Table 8. V.35 Interface Signals

VHSI—V.35 Connections

The wiring diagram below shows the connections required to construct a VHSI—V.35 cable. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

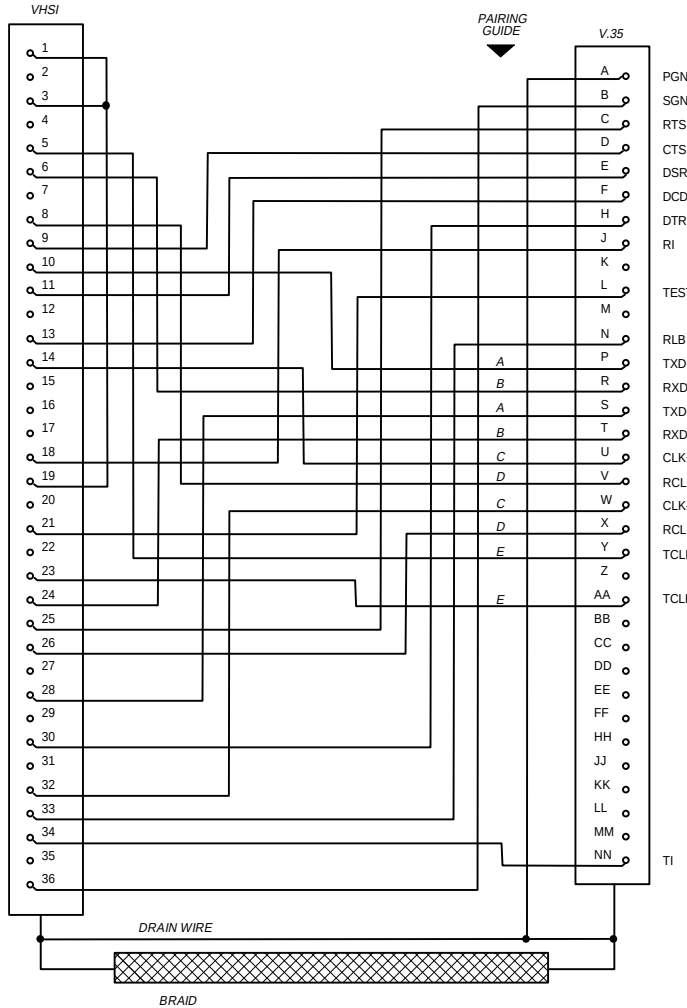

Figure 5. VHSI—V.35 Connections

The EIA-530 Interface

A pin-out diagram for the EIA-530 interface is shown in Figure 6. The signal definitions and names are listed in Table 9.

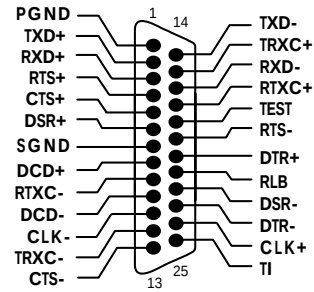

Figure 6. EIA-530 Interface

Pin #	Signal	Name	Direction	CCITT #	EIA #
1	PGND	Protective Ground	Common	101	-
2	TXD+	Transmit Data	Output	103A	BA(A)
3	RXD+	Receive Data	Input	104A	BB(A)
4	RTS+	Request to Send	Output	105A	CA(A)
5	CTS+	Clear to Send	Input	106A	CB(A)
6	DSR+	Data Set Ready	Input	107A	CC(A)
7	SGND	Signal Ground	Common	102B	AB
8	DCD+	Data Carrier Detect	Input	109A	CF(A)
9	RTXC-	Receive Clock (DCE)	Input	115B	DD(B)
10	DCD-	Data Carrier Detect	Input	109B	CF(B)
11	CLK-	Transmit Clock (DTE)	Output	113B	DA(B)
12	TRXC-	Transmit Clock (DCE)	Output	114B	DB(B)
13	CTS-	Clear to Send	Output	106B	CB(B)
14	TXD-	Transmit Data	Output	103B	BA(B)
15	TRXC+	Transmit Clock (DCE)	Input	114A	DB(A)
16	RXD-	Receive Data	Input	104B	BB(B)
17	RTXC+	Receive Clock (DCE)	Input	115A	DD(A)
18	TEST	Local Loopback	Output	141A	LL
19	RTS-	Request to Send	Output	105B	CA(B)
20	DTR+	Data Terminal Ready	Output	108A	CD(A)
21	RLB	Remote Loopback	Output	140A	RL
22	DSR-	Data Set Ready	Input	107B	CC(B)
23	DTR-	Data Terminal Ready	Output	108B	CD(B)
24	CLK+	Transmit Clock (DTE)	Output	113A	DA(A)
25	TI	Test Indicator	Input	142A	TM

Table 9. EIA-530 Interface Signals

VHSI—EIA-530 Connections

The wiring diagram below shows the connections required to construct a VHSI—EIA-530 cable. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

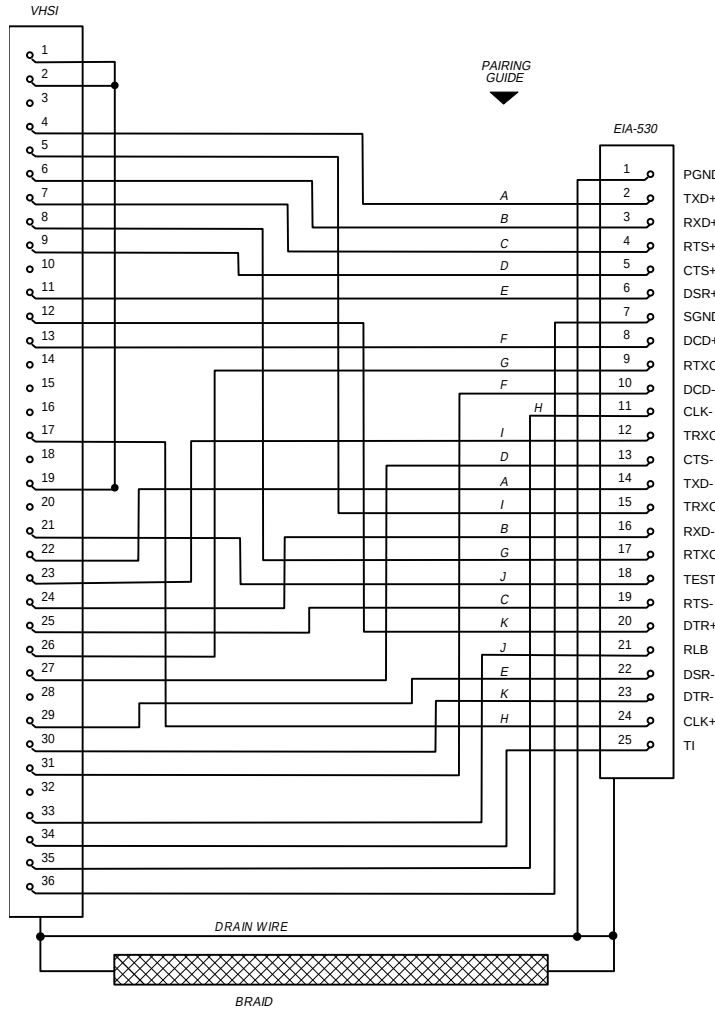

Figure 7. VHSI—EIA-530 Connections

The V.36 and RS-449 Interfaces

A pin-out diagram for the V.36 and RS-449 interfaces is shown in Figure 8. The signal definitions and names are listed in Table 10.

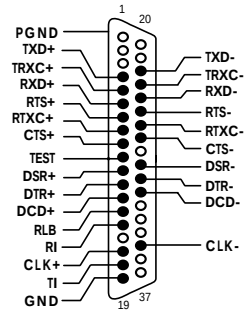

Figure 8. V.36 and RS-449 Interfaces

Pin #	Signal	Name	Direction	CCITT #
Case	PGND	Protective Ground	Common	101
4	TXD+	Transmit Data	Output	103A
5	TRXC+	Transmit Clock (DCE)	Input	114A
6	RXD+	Receive Data	Input	104A
7	RTS+	Request to Send	Output	105A
8	RTXC+	Receive Clock (DCE)	Input	115A
9	CTS+	Clear to Send	Input	106A
10	TEST	Local Loopback Activation	Output	141A
11	DSR+	Data Set Ready	Input	107A
12	DTR+	Data Terminal Ready	Output	108A
13	DCD+	Data Carrier Detect	Input	109A
14	RLB	Remote Loopback	Output	140A
15	RI	Ring Indicator	Input	125A
17	CLK+	Transmit Clock (DTE)	Output	113A
18	TI	Test Indicator	Input	142A
19	GND	DTE Common Return	Common	102A/B
22	TXD-	Transmit Data	Output	103B
23	TRXC-	Transmit Clock (DCE)	Output	114B
24	RXD-	Receive Data	Input	104B
25	RTS-	Request to Send	Output	105B
26	RTXC-	Receive Clock (DCE)	Input	115B
27	CTS-	Clear to Send	Output	106B
29	DSR-	Data Set Ready	Input	107B
30	DTR-	Data Terminal Ready	Output	108B
31	DCD-	Data Carrier Detect	Input	109B
35	CLK-	Transmit Clock (DTE)	Output	113B

Table 10. V.36 and RS-449 Interface Signals

VHSI—V.36/RS-449 Connections

The wiring diagram below shows the connections required to construct a VHSI—V.36/RS-449 cable. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

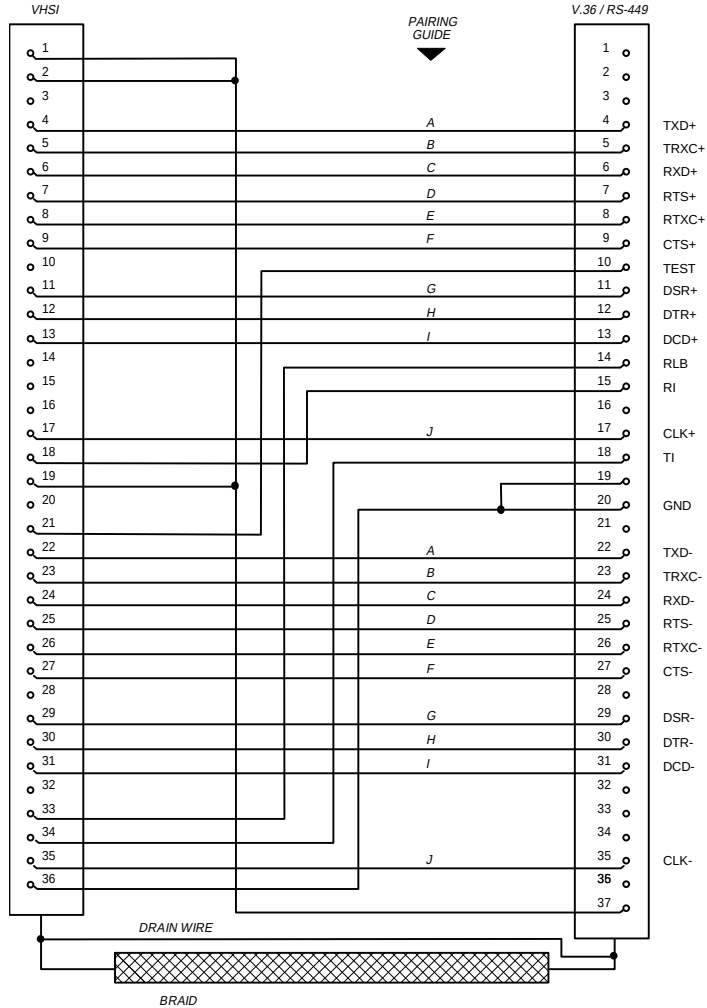

Figure 9. VHSI—V.36/RS-449 Connections

The X.21 Interface

A pin-out diagram for the X.21 interface is shown in Figure 10. The signal definitions and names are listed in Table 11.

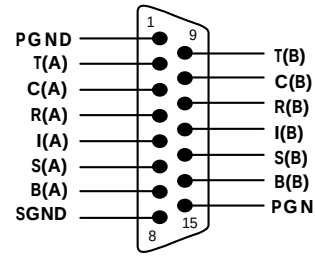

Figure 10. X.21 Interface

Pin #	Signal	Name	Direction	CCITT #
1/15	PGND	Protective Ground	Common	101
2	T(A)	Transmit Data (+)	Output	103A
3	C(A)	Control Signal (+)	Output	105A
4	R(A)	Receive Data (+)	Input	104A
5	I(A)	Indication (+)	Input	109A
6	S(A)	Signal Element Timing (+)	Input	115A
7	B(A)	Byte Timing (+)	Input	114A
8	SGND	Signal Ground	Common	102
9	T(B)	Transmit Data (-)	Output	103B
10	C(B)	Control Signal (-)	Output	105B
11	R(B)	Receive Data (-)	Input	104B
12	I(B)	Indication (-)	Input	109B
13	S(B)	Signal Element Timing (-)	Input	115B
14	B(B)	Byte Timing (-)	Input	114B

Table 11. X.21 Interface Signals

VHSI—X.21 Connections

The wiring diagram below shows the connections required to construct a VHSI—X.21 cable. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

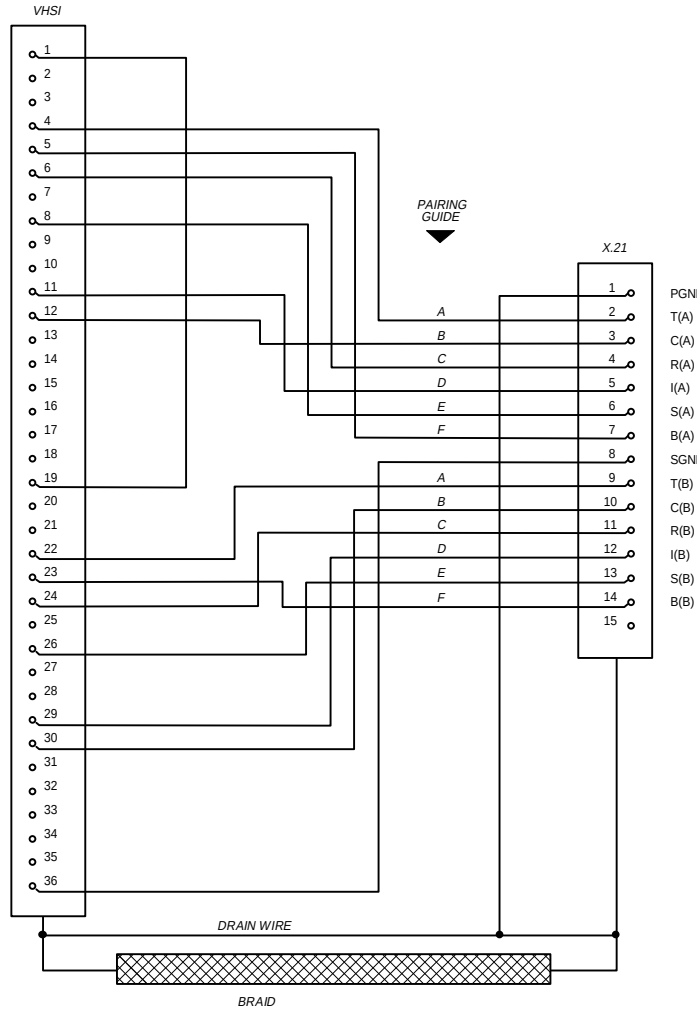

Figure 11. VHSI—X.21 Connections

Back-to-Back Connections

The wiring diagram below shows the connections required to construct a back-to-back VHSI—VHSI cable. Back-to-back operations are conducted through the V.36 interface. For the additional information required to construct your own cables, consult the section “Cable Construction Information,” on page 9.

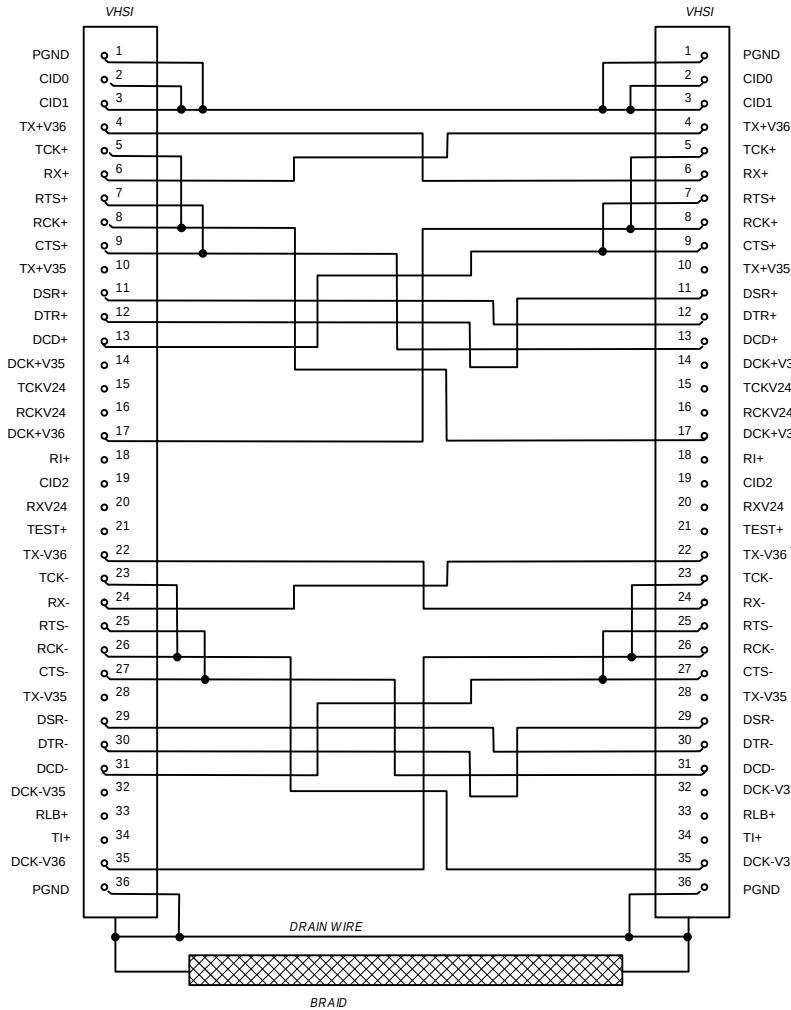

Figure 12. VHSI—VHSI Connections

Technical Specifications

Base PacketBlaster

Technical Data

- ISA bus compatible (16-bit slot)
- Hitachi 64570 HDLC controller at 10 MHz
- 64 KB of static RAM

Hardware Installation

- Interrupt request levels selectable via software (2, 3, 4, 5, 6, 7, 10, 11, 12, 14, 15)
- I/O address selectable via on-board switch (16 options)

External Interface

- Two 36-pin female ports

Performance

- 2 Mbps full duplex per physical port

Power Requirements

- 1.5A @ +5V
- 155 mA @ +12V
- 45 mA @ -12V

Environmental Requirements

- Operating temperature: 0°C to 50°C
- Operating humidity: 0 to 90% (non-condensing)
- Barometric operating pressure: 86 to 106 kPascals
- Maximum tolerance in power supply variation: +5% to -5%

VHSI Ports

Technical Data

- Two VHSI ports connect to 36-pin high-density male connectors
- Support for V.24, V.35, EIA-530, V.36, RS-449, and X.21*bis* (EIA RS-232-C)
- X.21 with V.11 (X.27) signalling
- Internal or external clocking (DTE or DCE) or split (transmit internal, receive external)

International Regulatory Information

Regulatory Information for the U.S.A.: FCC Warning

WARNING Changes or modifications to this unit not expressly approved by Eicon Technology Corporation could void the user's authority to operate the equipment.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This unit requires shielded cables to comply with the FCC Class B emissions limits. Use of unshielded interface cables is prohibited.

Regulatory Information for Canada: Canadian Emissions Requirements

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n’émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

Limited Warranty

Eicon Technology Corporation warrants to the original purchaser of this Eicon Technology Product that it is to be in good working order for a period of five (5) years from the date of purchase from Eicon Technology or an authorized Eicon Technology dealer. Should this Product, in Eicon Technology's opinion, fail to be in good working order at any time during this five year warranty period, Eicon Technology will, at its option, repair or replace this Product at no additional charge except as set forth below. Repair parts and replacement Products will be furnished on an exchange basis and will be either reconditioned or new. All replaced parts and Products become property of Eicon Technology. This Limited Warranty does not include service to repair damage to the Product resulting from accident, disaster, misuse, abuse, or non-authorized alterations, modifications, and/or repairs.

Products requiring Limited Warranty service during the warranty period should be delivered to Eicon Technology with proof of purchase. If the delivery is by mail, you agree to insure the Product or assume the risk of loss or damage in transit. You also agree to prepay shipping charges to Eicon Technology and to use the original shipping container or equivalent.

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This Limited Warranty applies to hardware products only.

Product Comment Form

PacketBlaster
Installation Guide
203-046-01

We value your comments. Please use the tables below to rate this product.

Name _____

Title _____

Company _____

Address _____

_____

PacketBlaster

Packaging	*Poor*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Excellent*
Configuration	*Difficult*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Easy*
Performance	*Poor*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Excellent*
Workmanship	*Poor*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Excellent*

Installation Guide

Accuracy	*Low*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*High*
Organization	*Confusing*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Clear*
Readability	*Difficult*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Easy*
Presentation	*Poor*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	*Excellent*

Please mail or fax this form to:

Eicon Technology Corporation
Attention: Technical Publications
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Montreal, Quebec, Canada H8T 3H7

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First Edition (February 1995)

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EICON TECHNOLOGY CORPORATION
2196 - 32nd Avenue (Lachine)
Montreal, Quebec
Canada, H8T 3H7

PacketBlaster

Model Number: 800-260

FCC ID: E3S5NN 800-260

MADE IN CANADA

This device complies with FCC Rules, Part 15. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and

2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Table of Contents