

PC COM PCI BUS 2 PORT RS 232 PHOTO ISOLATOR / DB 9

PORT 1			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Data Carrier Detect	DCD	Input
2	Receive Data	RxD	Input
3	Transmit Data	TxD	Output
4	Data Terminal Ready	DTR	Output
5	Chassis Ground	Gnd	Common
6	Data Set Ready	DSR	Input
7	Request to Send	RTS	Output
8	Clear to Send	CTS	Input
9	Ring Indicator	RI	Input

PORT 2			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Data Carrier Detect	DCD	Input
2	Receive Data	RxD	Input
3	Transmit Data	TxD	Output
4	Data Terminal Ready	DTR	Output
5	Chassis Ground	Gnd	Common
6	Data Set Ready	DSR	Input
7	Request to Send	RTS	Output
8	Clear to Send	CTS	Input
9	Ring Indicator	RI	Input

For DB 9 Male Connection

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Data Carrier Detect (dcd)	CF	Input
2	Receive Data (rxd)	BB	Input
3	Transmit Data (txd)	BA	Output
4	Data Terminal Ready (dtr)	CD	Output
5	Chassis Ground (gnd)	AB	Common
6	Data Set Ready (dsr)	CC	Input
7	Request to Send (rts)	CA	Output
8	Clear to Send (cts)	CB	Input
9	Ring Indicator (ri)	CE	Input

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Chassis Ground (gnd)	AA	Common
2	Transmit Data (txd)	BA	Output
3	Receive Data (rxd)	BB	Input
4	Request to Send (rts)	CA	Output
5	Clear to Send (cts)	CB	Input
6	Data Set Ready (dsr)	CC	Input
7	Signal Ground (sg)	AB	Common
8	Data Carrier Detect (dcd)	CF	Input
20	Data Terminal Ready (dtr)	CD	Output
22	Ring Indicator (ri)	CE	Input

PC COM PCI BUS 2 PORT RS 422 PHOTO ISOLATOR / DB 9

PORT 1			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit Data +	TxD+	Output
5	Transmit Data -	TxD-	Output
6	No Connection		
7	No Connection		
8	Receive Data +	RxD+	Input
9	Receive Data -	RxD-	Input

PORT 2			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit Data +	TxD+	Output
5	Transmit Data -	TxD-	Output
6	No Connection		
7	No Connection		
8	Receive Data +	RxD+	Input
9	Receive Data -	RxD-	Input

For DB 9 Male Connection

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Signal Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit Data +	TxD+	Output
5	Transmit Data -	TxD-	Output
6	No Connection		
7	No Connection		
8	Receive Data +	RxD	Input
9	Receive Data -	RxD	Input

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	No Connection		Input
5	Receive Data +	RxD+	Input
6	No Connection		
7	Transmit Data -	TxD-	Output
8	Signal Ground	SG	Common
20	Transmit Data +	TxD+	Output
22	Receive Data -	RxD-	Input

PC COM PCI BUS 2 PORT RS 485 / DB 9

PORT 1			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit / Receive Data +	TRxD+	Input/Output
5	Transmit / Receive Data -	TRxD-	Input/Output
6	No Connection		
7	No Connection		
8	No Connection		
9	No Connection		

PORT 2			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit / Receive Data +	TRxD+	Input/Output
5	Transmit / Receive Data -	TRxD-	Input/Output
6	No Connection		
7	No Connection		
8	No Connection		
9	No Connection		

For DB 9 Connection

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Signal Ground	Gnd	Common
2	No Connection		
3	No Connection		
4	Transmit / Receive Data +	TRxD+	Input/Output
5	Transmit / Receive Data -	TRxD-	Input/Output
6	No Connection		
7	No Connection		
8	No Connection		
9	No Connection		

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	No Connection		
2	No Connection		
3	No Connection		
4	No Connection		
5	No Connection		
6	No Connection		
7	Transmit / Receive Data -	TRxD-	Input/Output
8	Signal Ground	SG	Common
20	Transmit / Receive Data +	TRxD+	Input/Output
22	No Connection		

PC COM ISA 2 PORT RS 232 / DB 9

PORT 1			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Data Carrier Detect	DCD	Input
2	Receive Data	RxD	Input
3	Transmit Data	TxD	Output
4	Data Terminal Ready	DTR	Output
5	Chassis Ground	Gnd	Common
6	Data Set Ready	DSR	Input
7	Request to Send	RTS	Output
8	Clear to Send	CTS	Input
9	Ring Indicator	RI	Input

PORT 2			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Data Carrier Detect	DCD	Input
2	Receive Data	RxD	Input
3	Transmit Data	TxD	Output
4	Data Terminal Ready	DTR	Output
5	Chassis Ground	Gnd	Common
6	Data Set Ready	DSR	Input
7	Request to Send	RTS	Output
8	Clear to Send	CTS	Input
9	Ring Indicator	RI	Input

For DB 9 Male Connection

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Data Carrier Detect	CD	Input
2	Receive Data	BB	Input
3	Transmit Data	BA	Output
4	Data Terminal Ready	CD	Output
5	Chassis Ground	AB	Common
6	Data Set Ready	CC	Input
7	Request to Send	CA	Output
8	Clear to Send	CB	Input
9	Ring Indicator	CE	Input

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Chassis Ground	AA	Common
2	Transmit Data	BA	Output
3	Receive Data	BB	Input
4	Request to Send	CA	Output
5	Clear to Send	CB	Input
6	Data Set Ready	CC	Input
7	Signal Ground	AB	Common
8	Data Carrier Detect	CF	Input
20	Data Terminal Ready	CD	Output
22	Ring Indicator	CE	Input

PC COM ISA 2 PORT RS 422 / DB 9

PORT 1			
Pin #	SIGNAL NAME	Name	Signal Direction
1	<i>Ground</i>	Gnd	<i>Common</i>
2	<i>Request to Send +</i>	RTS+	<i>Output</i>
3	<i>Request to Send -</i>	RTS-	<i>Output</i>
4	<i>Transmit Data +</i>	TxD+	<i>Output</i>
5	<i>Transmit Data -</i>	TxD-	<i>Output</i>
6	<i>Clear to Send +</i>	CTS+	<i>Input</i>
7	<i>Clear to Send -</i>	CTS-	<i>Input</i>
8	<i>Receive Data +</i>	RxD+	<i>Input</i>
9	<i>Receive Data -</i>	RxD-	<i>Input</i>

PORT 2			
Pin #	SIGNAL NAME	Name	Signal Direction
1	<i>Ground</i>	Gnd	<i>Common</i>
2	<i>Request to Send +</i>	RTS+	<i>Output</i>
3	<i>Request to Send -</i>	RTS-	<i>Output</i>
4	<i>Transmit Data +</i>	TxD+	<i>Output</i>
5	<i>Transmit Data -</i>	TxD-	<i>Output</i>
6	<i>Clear to Send +</i>	CTS+	<i>Input</i>
7	<i>Clear to Send -</i>	CTS-	<i>Input</i>
8	<i>Receive Data +</i>	RxD+	<i>Input</i>
9	<i>Receive Data -</i>	RxD-	<i>Input</i>

For DB 9 Male Connection

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	<i>Chassis Ground</i>	Gnd	<i>Common</i>
2	<i>Request to Send +</i>	RTS+	<i>Output</i>
3	<i>Request to Send -</i>	RTS-	<i>Output</i>
4	<i>Transmit Data +</i>	TxD+	<i>Output</i>
5	<i>Transmit Data -</i>	TxD-	<i>Output</i>
6	<i>Clear to Send +</i>	CTS+	<i>Input</i>
7	<i>Clear to Send -</i>	CTS-	<i>Input</i>
8	<i>Receive Data +</i>	RxD	<i>Input</i>
9	<i>Receive Data -</i>	RxD	<i>Input</i>

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	<i>Chassis Ground</i>	Gnd	<i>Common</i>
2	<i>Request to Send -</i>	RTS-	<i>Output</i>
3	<i>Request to Send+</i>	RTS+	<i>Output</i>
4	<i>Clear to Send -</i>	CTS-	<i>Input</i>
5	<i>Receive Data +</i>	RxD+	<i>Input</i>
6	<i>Clear to Send +</i>	CTS+	<i>Input</i>
7	<i>Transmit Data -</i>	TxD-	<i>Output</i>
8	<i>Signal Ground</i>	SG	<i>Common</i>
20	<i>Transmit Data +</i>	TxD+	<i>Output</i>
22	<i>Receive Data-</i>	RxD-	<i>Input</i>

PC COM PCI BUS 4 PORT PHOTO ISOLATOR RS - 232 / DB 37 CARD

PCI 4 Port RS - 232 Photo Isolator / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2			DCD3	
3			GN3	
4			CTS3	
5			RX3	
6				RI4
7				DTR4
8				DSR4
9				RTS4
10				TX4
11		DCD2		
12		GND2		
13		CTS2		
14		RX2		
15	RI1			
16	DTR1			
17	DSR1			
18	RTS1			
19	TX1			
20			RI3	
21			DTR3	
22			DSR3	
23			RTS3	
24			TX3	
25				DCD4
26				GND4
27				CTS4
28				RX4
29		RI2		
30		DTR2		
31		DSR2		
32		RTS2		
33		TX2		
34	DCD1			
35	GND1			
36	CTS1			
37	RX1			

ALL HAVE CHASSIS GROUND

For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Chassis Ground (GND)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	Request to Send (RTS)	CA	Output
5	Clear to Send (CTS)	CB	Input
6	Data Set Ready (DSR)	CC	Input
7	Signal Ground (SG)	AB	Common
8	Data Carrier Detect (DCD)	CF	Input
20	Data Terminal Ready (DTR)	CD	Input
22	Ring Indicator (RI)	CE	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Data Carrier Detect (DCD)	CF	Input
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (DTR)	CD	Output
5	Signal Ground (GND)	AA	Common
6	Data Set Ready (DSR)	CC	Input
7	Request to Send (RTS)	CA	Output
8	Clear to Send (CTS)	CB	Input
9	Ring Indicator (RI)	CE	Input

PC COM PCI BUS 4 PORT PHOTO ISOLATOR RS - 422 / DB37 CARD

PCI 4 Port RS - 422 Photo Isolator / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2				
3			SG3	
4				
5			RX3+	
6				
7				TX4-
8				RX4-
9				
10				TX4+
11				
12		SG2		
13				
14		RX2+		
15				
16	TX1-			
17	RX1-			
18				
19	TX1+			
20				
21			TX3-	
22			RX3-	
23				
24			TX3+	
25				
26				SG4
27				
28				RX4+
29				
30		TXD2-		
31		RX2-		
32				
33		TX2+		
34				
35	SG1			
36				
37	RX1+			

ALL HAVE CHASSIS GROUND

For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	Transmit Data +	TX +	Output
3	Receive Data +	RX +	Input
4			
5			
6	Receive Data -	RX -	Input
7	Signal Ground	SG	Common
8			
9			
20	Transmit Data -	TX -	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1			
2	Receive Data +	RX +	Input
3	Transmit Data +	TX +	Output
4	Transmit Data -	TX -	Output
5	Signal Ground	GND	Common
6	Receive Data -	RX -	Input
7			
8			
9			

PC COM PCI BUS 4 PORT PHOTO ISOLATOR RS - 485 / DB37 CARD

PCI 4 Port RS - 485 Photo Isolator / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2				
3			SG3	
4				
5			RX3+	
6				
7				TX4-
8				RX4-
9				
10				TX4+
11				
12		SG2		
13				
14		RX2+		
15				
16	TX1-			
17	RX1-			
18				
19	TX1+			
20				
21			TX3-	
22			RX3-	
23				
24			TX3+	
25				
26				SG4
27				
28				RX4+
29				
30		TXD2-		
31		RX2-		
32				
33		TX2+		
34				
35	SG1			
36				
37	RX1+			

ALL HAVE CHASSIS GROUND
For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	Transmit Data +	TX +	Output
3	Receive Data +	RX +	Input
4			
5			
6	Receive Data -	RX -	Input
7	Signal Ground	SG	Common
8			
9			
20	Transmit Data -	TX -	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1			
2	Receive Data +	RX +	Input
3	Transmit Data +	TX +	Output
4	Transmit Data -	TX -	Output
5	Signal Ground	GND	Common
6	Receive Data -	RX -	Input
7			
8			
9			

PC COM PCI BUS 4 PORT RS - 232 / DB37 CARD

PCI 4 Port RS - 232 / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2			DCD3	
3			GND3	
4			CTS3	
5			RX3	
6				RI4
7				DTR4
8				DSR4
9				RTS4
10				TX4
11		DCD2		
12		GND2		
13		CTS2		
14		RX2		
15	RI1			
16	DTR1			
17	DSR1			
18	RTS1			
19	TX1			
20			RI3	
21			DTR3	
22			DSR3	
23			RTS3	
24			TX3	
25				DCD4
26				GND4
27				CTS4
28				RX4
29		RI2		
30		DTR2		
31		DSR2		
32		RTS2		
33		TX2		
34	DCD1			
35	GND1			
36	CTS1			
37	RX1			

ALL HAVE CHASSIS GROUND

For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Chassis Ground (GND)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	Request to Send (RTS)	CA	Output
5	Clear to Send (CTS)	CB	Input
6	Data Set Ready (DSR)	CC	Input
7	Signal Ground (SG)	AB	Common
8	Data Carrier Detect (DCD)	CF	Input
20	Data Terminal Ready (DTR)	CD	Input
22	Ring Indicator (RI)	CE	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Data Carrier Detect (DCD)	CF	Input
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (DTR)	CD	Output
5	Signal Ground (GND)	AA	Common
6	Data Set Ready (DSR)	CC	Input
7	Request to Send (RTS)	CA	Output
8	Clear to Send (CTS)	CB	Input
9	Ring Indicator (RI)	CE	Input

PC COM PCI BUS 4 PORT RS - 422 / DB37 CARD

PCI 4 Port RS - 422 / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2			RTS3-	
3			SG3	
4			CTS3+	
5			RX3+	
6				CTS4-
7				TX4-
8				RX4-
9				RTS4+
10				TX4+
11		RTS2-		
12		SG2		
13		CTS2+		
14		RX2+		
15	CTS1-			
16	TX1-			
17	RX1-			
18	RTS1+			
19	TX1+			
20			CTS3-	
21			TX3-	
22			RX3-	
23			RTS3+	
24			TX3+	
25				RTS4-
26				SG4
27				CTS4+
28				RX4+
29		CTS2-		
30		TX2-		
31		RX2-		
32		RTS2+		
33		TX2+		
34	RTS1-			
35	SG1			
36	CTS1+			
37	RX1+			

ALL HAVE CHASSIS GROUND
For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	Transmit Data +	TX +	Output
3	Receive Data +	RX +	Input
4	Request to Send +	RTS +	Output
5	Clear to Send +	CTS +	Input
6	Receive Data -	RX -	Input
7	Signal Ground	SG	Common
8	Request to Send -	RTS -	Input
9	Clear to Send -	CTS -	Input
20	Transmit Data -	TX -	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Request to Send -	RTS -	Output
2	Receive Data +	RX +	Input
3	Transmit Data +	TX +	Output
4	Transmit Data -	TX -	Output
5	Signal Ground	GND	Common
6	Receive Data -	RX -	Input
7	Request to Send +	RTS +	Output
8	Clear to Send +	CTS +	Input
9	Clear to Send -	CTS -	Input

PC COM PCI BUS 4 PORT RS - 485 / DB37 CARD

PCI 4 Port RS - 485 / DB37				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2				
3			SG3	
4				
5			TRD3 -	
6				
7				
8				
9				
10				TRD4 +
11				
12		SG2		
13				
14		TRD2 -		
15				
16				
17				
18				
19	TRD1 +			
20				
21				
22				
23				
24			TRD3 +	
25				
26				SG4
27				
28				TRD4 -
29				
30				
31				
32				
33		TRD2 +		
34				
35	SG1			
36				
37	TRD1 -			
<i>ALL HAVE CHASSIS GROUND</i>				
For DB 25 / 9 Male Connection				

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	Transmit \ Receive Data +	TRD -	Input / Output
3	Transmit \ Receive Data -	TRD +	Input / Output
4	No Connection		
5	No Connection		
6	No Connection		
7	Signal Ground	SG	Common
8	No Connection		
9	No Connection		
20	No Connection		

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	No Connection		
2	Transmit / Receive Data -	TRD -	Input / Output
3	Transmit / Receive Data +	TRD +	Input / Output
4	No Connection		
5	Signal Ground	GND	Common
6	No Connection		
7	No Connection		
8	No Connection		
9	No Connection		

PC COM 4 PORT RS - 232 DB 37 CARD

PCCOM 4 Port RS 232				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2			DCD3	
3			GND3	
4			CTS3	
5			RX3	
6				RI4
7				DTR4
8				DSR4
9				RTS4
10				TX4
11		DCD2		
12		GND2		
13		CTS2		
14		RX2		
15	RI1			
16	DTR1			
17	DSR1			
18	RTS1			
19	TX1			
20			RI3	
21			DTR3	
22			DSR3	
23			RTS3	
24			TX3	
25				DCD4
26				GND4
27				CTS4
28				RX4
29		RI2		
30		DTR2		
31		DSR2		
32		RTS2		
33		TX2		
34	DCD1			
35	GND1			
36	CTS1			
37	RX1			

ALL HAVE CHASSIS GROUND

For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Chassis Ground (GND)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	Request to Send (RTS)	CA	Output
5	Clear to Send (CTS)	CB	Input
6	Data Set Ready (DSR)	CC	Input
7	Signal Ground (SG)	AB	Common
8	Data Carrier Detect (DCD)	CF	Input
20	Data Terminal Ready (DTR)	CE	Output
22	Ring Indicator (RI)	CD	Input

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Data Carrier Detect (DCD)	CF	Input
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (DTR)	CE	Output
5	Chassis Ground (GND)	AA	Common
6	Data Set Ready (DSR)	CC	Input
7	Request to Send (RTS)	CA	Output
8	Clear to Send (CTS)	CB	Input
9	Ring Indicator (RI)	CD	Input

PCCOM 4Port RS 422

PIN	PORT1	PORT2	PORT3	PORT4
1	RTS1+			
2	DTR1+			
3	TX1+			
4	CTS1+			
5	DSR1+			
6		RTS2+		
7		DTR2+		
8		TX2+		
9		CTS2+		
10		DSR2+		
11		DCD2+		
12			RTS3+	
13			DTR3+	
14			TX3+	
15			CTS3+	
16			DTR3+	
17				RTS4+
18				DTR4+
19				TX4+
20				CTS4+
21				RX4+
22	RTS1-			
23	DTR1-			
24	TX1-			
25	CTS1-			
26	DSR1-			
27		RTS2-		
28		DTR2-		
29		TX2-		
30		CTS2-		
31		DSR2-		
32		DCD2-		
33			RTS3-	
34			TX3-	
35			CTS3-	
36			DSR3-	
37			DCD3-	
38				RTS4-
39				DTR4-
40				TX4-
41				CTS4-
42	RI1+			
43	RI1-			
44	RX1+			
45	RX1-			
46	DCD1+			
47	DCD1-			
48		RI2+		
49		RI2-		
50		RX2+		
51		RX2-		
52			DTR3+	
53			DTR3-	
54			RI3+	
55			RI3+	
56			RX3+	
57			RX3-	
58				DSR4+
59				DSR4-
60				DCD4+
61				DCD4-
62				RX4-

All DB 25 HAVE CHASSIS GROUND
For DB 25 Connection Male

DB 25 Male Pin Assignment

PIN#	SIGNAL NAME	SIGNAL DESCRIPTION
1	GND	Ground
2	TX+	Transmit Data (+)
3	RX+	Receive Data (+)
4	RTS+	Request to Send (+)
5	CTS+	Clear to Send (+)
6	DSR+	Data Set Ready (+)
7	GND	Ground
8	DCD+	Data Carrier Detect (+)
9	DTR-	Data Terminal Ready (-)
10	RI-	Ring Indicator (-)
14	TX-	Transmit Data (-)
15	RX-	Receive Data (-)
16	RTS-	Request to Send (-)
17	CTS-	Clear to Send (-)
18	DSR-	Data Set Ready (-)
19	DCD-	Data Carrier Detect (-)
20	DTR+	Data Terminal Ready (+)
22	RI+	Ring Indicator (+)

PCCOM 4Port RS 422

PIN	PORT1	PORT2	PORT3	PORT4
1	RTS1+			
2	DTR1+			
3	TX1+			
4	CTS1+			
5	DSR1+			
6		RTS2+		
7		DTR2+		
8		TX2+		
9		CTS2+		
10		DSR2+		
11		DCD2+		
12			RTS3+	
13			DTR3+	
14			TX3+	
15			CTS3+	
16			DTR3+	
17				RTS4+
18				DTR4+
19				TX4+
20				CTS4+
21				RX4+
22	RTS1-			
23	DTR1-			
24	TX1-			
25	CTS1-			
26	DSR1-			
27		RTS2-		
28		DTR2-		
29		TX2-		
30		CTS2-		
31		DSR2-		
32		DCD2-		
33			RTS3-	
34			TX3-	
35			CTS3-	
36			DSR3-	
37			DCD3-	
38				RTS4-
39				DTR4-
40				TX4-
41				CTS4-
42	RI1+			
43	RI1-			
44	RX1+			
45	RX1-			
46	DCD1+			
47	DCD1-			
48		RI2+		
49		RI2-		
50		RX2+		
51		RX2-		
52			DTR3+	
53			DTR3-	
54			RI3+	
55			RI3+	
56			RX3+	
57			RX3-	
58				DSR4+
59				DSR4-
60				DCD4+
61				DCD4-
62				RX4-

All DB 25 HAVE CHASSIS GROUND
For DB 25 Connection Male

DB 9 Male Pin Assignment

PIN#	SIGNAL NAME	SIGNAL DESCRIPTION
1	GND	Ground
2	TX+	Transmit Data (+)
3	RX+	Receive Data (+)
4	RTS+	Request to Send (+)
5	CTS+	Clear to Send (+)
6	DSR+	Data Set Ready (+)
7	GND	Ground
8	DCD+	Data Carrier Detect (+)
9	DTR-	Data Terminal Ready (-)
10	RI-	Ring Indicator (-)
14	TX-	Transmit Data (-)
15	RX-	Receive Data (-)
16	RTS-	Request to Send (-)
17	CTS-	Clear to Send (-)
18	DSR-	Data Set Ready (-)
19	DCD-	Data Carrier Detect (-)
20	DTR+	Data Terminal Ready (+)
22	RI+	Ring Indicator (+)

PC COM ISA BUS 4 PORT RS - 232 DB 37 CARD

PCCOM ISA BUS 4 Port RS - 232				
PIN	PORT1	PORT2	PORT3	PORT4
1				
2			DCD3	
3	GND		GND	
4			CTS3	
5			RX3	
6				RI4
7				DTR4
8				DSR4
9				RTS4
10				TX4
11		DCD2		
12		GND		GND
13		CTS2		
14		RX2		
15	RI1			
16	DTR1			
17	DSR1			
18	RTS1			
19	TX1			
20			RI3	
21			DTR3	
22			DSR3	
23			RTS3	
24			TX3	
25				DCD4
26			SG	SG
27				CTS4
28				RX4
29		RI2		
30		DTR2		
31		DSR2		
32		RTS2		
33		TX2		
34	DCD1			
35	SG	SG		
36	CTS1			
37	RX1			

ALL HAVE CHASSIS GROUND

For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Chassis Ground (GND)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	Request to Send (RTS)	CA	Output
5	Clear to Send (CTS)	CB	Input
6	Data Set Ready (DSR)	CC	Input
7	Signal Ground (SG)	AB	Common
8	Data Carrier Detect (DCD)	CF	Input
20	Data Terminal Ready (DTR)	CE	Output
22	Ring Indicator (RI)	CD	Input

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Data Carrier Detect (DCD)	CF	Input
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (DTR)	CD	Output
5	Chassis Ground (GND)	AA	Common
6	Data Set Ready (DSR)	CC	Input
7	Request to Send (RTS)	CA	Output
8	Clear to Send (CTS)	CB	Input
9	Ring Indicator (RI)	CE	Input

8255 / 8253 Terminal Board			
Loopback Pin Assignment			
P1A0	P2A0	P1B0	P2B0
P1A1	P2A1	P1B1	P2B1
P1A2	P2A2	P1B2	P2B2
P1A3	P2A3	P1B3	P2B3
P1A4	P2A4	P1B4	P2B4
P1A5	P2A5	P1B5	P2B5
P1A6	P2A6	P1B6	P2B6
P1A7	P2A7	P1B7	P2B7
P1C0	P1C0		
P1C1	P2C1		
P1C2	P2C2		
P1C3	P2C3		
P1C4	P2C4		
P1C5	P2C5		
P1C6	P2C6		
P1C7	P2C7		

8255 / 8253 Card			
Pin Assignment			
PORT 1			
1	Ground	2	Ground
3	Ground	4	P1A3
5	P1A1	6	P1A2
7	CLOCK 0	8	P1A0
9	GATE 0	10	OUT 0
11	OUT 2	12	CLOCK2
13	CLOCK 1	14	GATE 2
15	OUT1	16	GATE 1
17	P1A5	18	P1A4
19	P1A7	20	P1A6
21	P1C6	22	P1C7
23	P1C4	24	P1C5
25	P1C1	26	P1C0
27	P1B7	28	P1C2
29	P1B6	30	P1C3
31	P1B5	32	P1B0
33	P1B4	34	P1B1
35	P1B3	36	P1B2
37	+ 5V	38	- 5V
39	+ 12V	40	- 12V
PORT 2			
1	Ground	2	Ground
3	Ground	4	Ground
5	Ground	6	Ground
7	Ground	8	Ground
9	Ground	10	Ground
11	Ground	12	Ground
13	P2A0	14	P2A1
15	P2A2	16	P2A3
17	P2A4	18	P2A5
19	P2A6	20	P2A7
21	P2C7	22	P2C6
23	P2C5	24	P2C4
25	P2C0	26	P2C1
27	P2C2	28	P2B7
29	P2C3	30	P2B6
31	P2B0	32	P2B5
33	P2B1	34	P2B4
35	P2B2	36	P2B3
37	+ 5V	38	- 5V
39	+ 12V	40	- 12V

PC COM ISA BUS 8 PORT RS - 232 / DB 62 CARD

PCCOM ISA BUS 8 PORT RS - 232 /DB 62								
PIN	PORT1	PORT2	PORT3	PORT4	PORT5	PORT6	PORT7	PORT8
1	DSR1							
2	DTR1							
3	Gnd1	Gnd2						
4		DSR2						
5		DTR2						
6			DSR3					
7			DTR3					
8			DCD3					
9				DSR4				
10				DTR4				
11					DCD5			
12					DSR5			
13					DTR5			
14						DSR6		
15						DTR6		
16							Gnd7	
17							DSR7	
18							DTR7	
19								DSR8
20								DTR8
21								DCD8
22	RTS1							
23	TX1							
24	DCD1							
25		RTS2						
26		TX2						
27			RTS3					
28			TX3					
29			Gnd3					
30				RTS4				
31				TX4				
32				Gnd4				
33					RTS5			
34					TX5			
35						RTS6		
36						TX6		
37					Gnd5	Gnd6		
38							RTS7	
39							TX7	
40								RTS8
41							TX8	
42							Gnd8	
43	CTS1							
44	RX1							
45		DCD2						
46		CTS2						
47		RX2						
48			CTS3					
49			RX3					
50				DCD4				
51				CTS4				
52				RX4				
53					CTS5			
54					RX5			
55						DCD6		
56						CTS6		
57						RX6		
58							DCD7	
59							CTS7	
60							RX7	
61								CTS8
62								RX8

**All HAVE CHASSIS GROUND
For DB 25 / 9Male Connection**

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Chassis Ground (GND)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	Request to Send (RTS)	CA	Output
5	Clear to Send (CTS)	CB	Input
6	Data Set Ready (DSR)	CC	Input
7	Signal Ground (SG)	AB	Common
8	Data Carrier Detect (DCD)	CF	Input
20	Data Terminal Ready (DTR)	CD	Output

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS-232 C Name	Signal Direction
1	Data Carrier Detect (DCD)	AA	Input
2	Receive Data (RxD)	BA	Input
3	Transmit Data (TxD)	BB	Output
4	Data Terminal Ready(DTR)	CA	Output
5	Chassis Ground (GND)	CB	Common
6	Data Set Ready (DSR)	CC	Input
7	Request to Send (RTS)	AB	Output
8	Clear to Send (CTS)	CF	Input

PC COM ISA BUS 8 PORT RS - 422 / DB 62 CARD

PCCOM ISA BUS 8 PORT RS - 422 /DB 62								
PIN	PORT1	PORT2	PORT3	PORT4	PORT5	PORT6	PORT7	PORT8
1	RX1+							
2								
3	SG1	SG2						
4		RX2+						
5								
6			RX3+					
7								
8			TX3+					
9				RX4+				
10								
11					TX5+			
12					RX5+			
13								
14						RX6+		
15								
16							SG7	
17							RX7+	
18								
19								RX8+
20								
21								TX8+
22								
23	TX1-							
24	TX1+							
25								
26		TX2-						
27								
28			TX3-					
29			SG3					
30								
31				TX4-				
32				SG4				
33								
34					TX5-			
35								
36						TX6-		
37					SG5	SG6		
38								
39							TX7-	
40								
41								TX8-
42								SG8
43								
44	RX1-							
45		TX2+						
46								
47		RX2-						
48								
49			RX3-					
50				TX4+				
51								
52				RX4-				
53								
54					RX5-			
55						TX6+		
56								
57						RX6-		
58							TX7+	
59								
60							RX7-	
61								
62								RX8-

All HAVE CHASSIS GROUND
For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground (GND)	GND	Common
2	Transmit Data (TxD-)	TxD-	Output
3	Receive Data (RxD-)	RxD-	Input
4	No Connection		
5	No Connection		
6	Receive Data (RxD-)	RxD+	Input
7	Signal Ground (SG)	SG	Common
8	Transmit Data (TxD-)	TxD+	Output
20	No Connection		

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Transmit Data +	TxD+	Output
2	Receive Data -	RxD-	Input
3	Transmit Data -	TxD-	Output
4	No Connection		
5	Chassis Ground	Gnd	Common
6	Receive Data +	RxD+	Input
7	No Connection		
8	No Connection		

PC COM PCI BUS RS 232 / 422 / 485 CARD

2 Port RS 232 (DB25)	
Pin #	SIGNAL NAME
1	Chassis Ground (GND)
2	Transmit Data (TxD)
3	Receive Data (RxD)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (SG)
8	Data Carrier Detect (DCD)
20	Data Terminal Ready (DTR)
22	Ring Indicator (RI)

2 PORT RS422 (DB9)	
Pin #	Signal Name
1	GND
2	RTS+
3	RTS-
4	TxD+
5	TxD-
6	CTS+
7	CTS-
8	RxD+
9	RxD-

2 PORT RS485 (DB9)	
Pin #	Signal Name
1	GND
2	
3	
4	TRxD+
5	TRxD-
6	
7	
8	
9	

Size: 142.3 mm X 91.3 mm

4 Port RS 232 (DB25)	
Pin #	SIGNAL NAME
1	Chassis Ground (GND)
2	Transmit Data (TxD)
3	Receive Data (RxD)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (SG)
8	Data Carrier Detect (DCD)
20	Data Terminal Ready (DTR)
22	Ring Indicator (RI)

4 PORT RS422 (DB9)	
Pin #	Signal Name
1	RTS-
2	RxD+
3	TxD+
4	TxD-
5	SG
6	RxD-
7	RTS+
8	CTS+
9	CTS-

4 PORT RS485 (DB9)	
Pin #	Signal Name
1	
2	TRxD-
3	TRxD+
4	
5	SG
6	
7	
8	
9	

Size: 173.8 mm X 98.3 mm

8 Port RS 232 (DB62)	
Pin #	SIGNAL NAME
1	Chassis Ground (GND)
2	Transmit Data (TxD)
3	Receive Data (RxD)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (SG)
8	Data Carrier Detect (DCD)
20	Data Terminal Ready (DTR)
22	No Connection

8 PORT RS422 (DB9)	
Pin #	Signal Name
1	TxD+
2	RxD-
3	TxD-
4	
5	SG
6	RxD+
7	
8	
9	

8 PORT RS485 (DB9)	
Pin #	Signal Name
1	TRxD+
2	
3	
4	
5	SG
6	TRxD-
7	
8	
9	

Size: 203 mm X 98.4 mm

2 Port Isolator RS 232(DB25)	
Pin #	SIGNAL NAME
1	Chassis Ground (GND)
2	Transmit Data (TxD)
3	Receive Data (RxD)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (SG)
8	Data Carrier Detect (DCD)
20	Data Terminal Ready (DTR)
22	Ring Indicator (RI)

2 PORT Isolator RS 422 (DB9)	
Pin #	Signal Name
1	SG
2	
3	
4	TxD+
5	TxD-
6	
7	
8	RxD+
9	RxD-

2 PORT Isolator RS 485 (DB9)	
Pin #	Signal Name
1	SG
2	
3	
4	TxD+
5	TxD-
6	
7	
8	RxD+
9	RxD-

Size: 175.8 mm X 98.4 mm

Size: 142 mm X 97 mm
for 422 and 485

4 Port Isolator RS 232(DB25)	
Pin #	SIGNAL NAME
1	Chassis Ground (GND)
2	Transmit Data (TxD)
3	Receive Data (RxD)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (SG)
8	Data Carrier Detect (DCD)
20	Data Terminal Ready (DTR)
22	Ring Indicator (RI)

4 PORT Isolator RS 422 (DB9)	
Pin #	Signal Name
1	
2	RxD+
3	TxD-
4	TxD+
5	SG
6	RxD-
7	
8	
9	

4 PORT Isolator RS 485 (DB9)	
Pin #	Signal Name
1	
2	RxD+
3	TxD-
4	TxD+
5	SG
6	RxD-
7	
8	
9	

Size: 217.5 mm X 103.5 mm

Size: 173.9 mm X 104.7 mm
for 422 and 485

PCI - 8255/8253 Terminal Board			
<i>Loopback Pin Assignment</i>			
P1A0	P2C7	P1B0	P2B7
P1A1	P2C6	P1B1	P2B6
P1A2	P2C5	P1B2	P2B5
P1A3	P2C4	P1B3	P2B4
P1A4	P2C3	P1B4	P2B3
P1A5	P2C2	P1B5	P2B2
P1A6	P2C1	P1B6	P2B1
P1A7	P2C0	P1B7	P2B0
P2A0	P1C7		
P2A1	P1C6	CLOCK 0	P1B7
P2A2	P1C5	GATE 0	P1B6
P2A3	P1C4	CLOCK1	P1B5
P2A4	P1C3	GATE 1	P1B4
P2A5	P1C2	CLOCK2	P1B3
P2A6	P1C1	GATE 2	P1B2
P2A7	P1C0		

PCI -8255/8253 Card			
<i>Pin Assignment</i>			
PORT 1			
1	Ground	2	Ground
3	Ground	4	P1A3
5	P1A1	6	P1A2
7	CLOCK 0	8	P1A0
9	GATE 0	10	OUT 0
11	OUT 2	12	CLOCK2
13	CLOCK 1	14	GATE 2
15	OUT1	16	GATE 1
17	P1A5	18	P1A4
19	P1A7	20	P1A6
21	P1C6	22	P1C7
23	P1C4	24	P1C5
25	P1C1	26	P1C0
27	P1B7	28	P1C2
29	P1B6	30	P1C3
31	P1B5	32	P1B0
33	P1B4	34	P1B1
35	P1B3	36	P1B2
37	+ 5V	38	- 5V
39	+ 12V	40	- 12V
PORT 2			
1	Ground	2	Ground
3	Ground	4	Ground
5	Ground	6	Ground
7	Ground	8	Ground
9	Ground	10	Ground
11	Ground	12	Ground
13	P2A0	14	P2A1
15	P2A2	16	P2A3
17	P2A4	18	P2A5
19	P2A6	20	P2A7
21	P2C7	22	P2C6
23	P2C5	24	P2C4
25	P2C0	26	P2C1
27	P2C2	28	P2B7
29	P2C3	30	P2B6
31	P2B0	32	P2B5
33	P2B1	34	P2B4
35	P2B2	36	P2B3
37	+ 5V	38	- 5V
39	+ 12V	40	- 12V

RISC CPU 8 PORT RS - 422 / DB 62 CARD

Risc CPU 8 PORT Card RS - 422 /DB 62								
PIN	PORT1	PORT2	PORT3	PORT4	PORT5	PORT6	PORT7	PORT8
1	RX1+							
2								
3	SG1	SG2						
4		RX2+						
5								
6			RX3+					
7								
8			TX3+					
9				RX4+				
10								
11					TX5+			
12					RX5+			
13								
14						RX6+		
15								
16							SG7	
17							RX7+	
18								
19								RX8+
20								
21								TX8+
22								
23	TX1-							
24	TX1+							
25								
26		TX2-						
27								
28			TX3-					
29			SG3					
30								
31				TX4-				
32				SG4				
33								
34					TX5-			
35								
36						TX6-		
37					SG5	SG6		
38								
39							TX7-	
40								
41								TX8-
42								SG8
43								
44	RX1-							
45		TX2+						
46								
47		RX2-						
48								
49			RX3-					
50				TX4+				
51								
52				RX4-				
53								
54					RX5-			
55						TX6+		
56								
57						RX6-		
58							TX7+	
59								
60							RX7-	
61								
62								RX8-

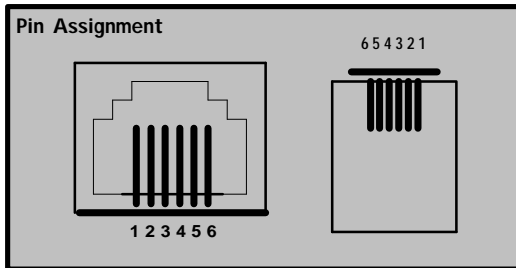
ALL HAVE CHASSIS GROUND
For DB 25 / 9 Male Connection

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground (GND)	GND	Common
2	Transmit Data (TxD-)	TxD -	Output
3	Receive Data (RxD-)	RxD-	Input
4	No Connection		
5	No Connection		
6	Receive Data (RxD+)	RxD+	Input
7	Signal Ground (SG)	SG	Common
8	Transmit Data (TxD+)	TxD+	Output
20	No Connection		

DB 9 Pin Assignment			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Transmit Data +	TxD+	Output
2	Receive Data -	RxD-	Input
3	Transmit Data -	TxD-	Output
4	No Connection		
5	Signal Ground	Gnd	Common
6	Receive Data +	RxD+	Input
7	No Connection		
8	No Connection		

PC COM ISA BUS 8 PORT RS 232 / RJ11

ALL PORT			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Chassis Ground	Gnd	Common
2	Signal Ground	Gnd	Common
3	Transmit Data	TxD	Output
4	Receive Data	RxD	Input
5	Clear to Send/Data Set Ready	CTS/DSR	Input
6	Data Terminal Ready	DTR	Output

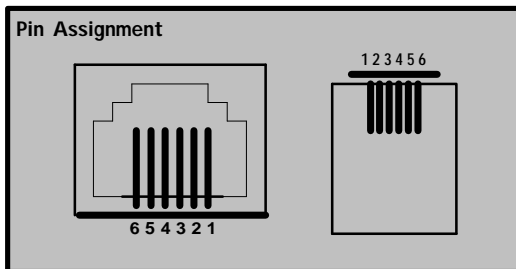


DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	No Connection		
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (TR)	CD	Output
5	Signal Ground (Gnd)	AB	Common
6	Data Set Ready (SR)	CC	Input
7	No Connection		
8	Clear to Send (TS)	CB	Input
9	No Connection		

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Chassis Ground (Gnd)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	No Connection		
5	Clear to Send (TS)	CB	Input
6	Data Set Ready (SR)	CC	Input
7	Signal Ground (G)	AB	Common
8	No Connection		
20	Data Terminal Ready (TR)	CD	Output
22	No Connection		

PC COM 8 PORT RISC ADAPTER CARD / RJ 12

ALL PORT			
Pin #	SIGNAL NAME	Name	Signal Direction
1	Clear to Send	CTS	Input
2	Transmit Data	TxD	Common
3	Signal Ground	Gnd	Output
4	Receive Data	RxD	Input
5	Data Carrier Detect	DCD	Input
6	Data Terminal Ready	DTR	Output



DB 9 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Data Carrier Detect (CD)	CF	Input
2	Receive Data (RxD)	BB	Input
3	Transmit Data (TxD)	BA	Output
4	Data Terminal Ready (TR)	CD	Output
5	Signal Ground (Gnd)	AB	Common
6	No Connection		
7	No Connection		
8	Clear to Send (TS)	CB	Input
9	No Connection		

DB 25 Pin Assignment			
Pin #	SIGNAL NAME	RS - 232C Name	Signal Direction
1	Chassis Ground (Gnd)	AA	Common
2	Transmit Data (TxD)	BA	Output
3	Receive Data (RxD)	BB	Input
4	No Connection		
5	Clear to Send (TS)	CB	Input
6	No Connection		
7	Signal Ground (G)	AB	Common
8	Data Carrier Detect	CF	Input
20	Data Terminal Ready (TR)	CD	Output
22	No Connection		