DOLPHIN PERIPHERALS, LLC.
FASTISA-4042, 4061

Card Type	Serial card
Chip Set	Unidentified
I/O Options	Serial port
Data Bus	16-bit ISA
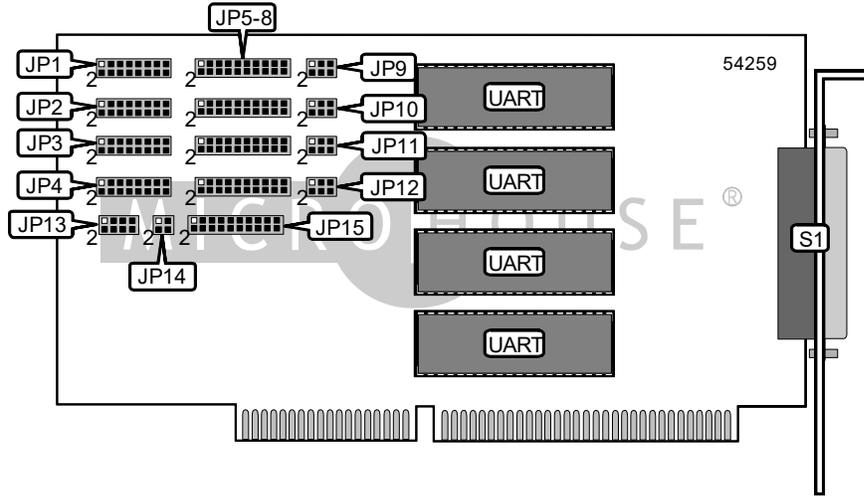
CONNECTIONS	
Function	**Label**
Serial port	S1

SERIAL PORT 1 ADDRESS SELECTION	
Setting	**JP1**
í COM1	Pins 1 & 2 closed
COM2	Pins 3 & 4 closed
COM3	Pins 5 & 6 closed
COM4	Pins 7 & 8 closed
COM5	Pins 9 & 10 closed
COM6	Pins 11 & 12 closed
COM7	Pins 13 & 14 closed
COM8	Pins 15 & 16 closed

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SERIAL PORT 2 ADDRESS SELECTION	
Setting	**JP2**
COM1	Pins 1 & 2 closed
í COM2	Pins 3 & 4 closed
COM3	Pins 5 & 6 closed
COM4	Pins 7 & 8 closed
COM5	Pins 9 & 10 closed
COM6	Pins 11 & 12 closed
COM7	Pins 13 & 14 closed
COM8	Pins 15 & 16 closed

SERIAL PORT 3 ADDRESS SELECTION	
Setting	**JP3**
COM1	Pins 1 & 2 closed
COM2	Pins 3 & 4 closed
í COM3	Pins 5 & 6 closed
COM4	Pins 7 & 8 closed
COM5	Pins 9 & 10 closed
COM6	Pins 11 & 12 closed
COM7	Pins 13 & 14 closed
COM8	Pins 15 & 16 closed

SERIAL PORT 4 ADDRESS SELECTION	
Setting	**JP4**
COM1	Pins 1 & 2 closed
COM2	Pins 3 & 4 closed
COM3	Pins 5 & 6 closed
í COM4	Pins 7 & 8 closed
COM5	Pins 9 & 10 closed
COM6	Pins 11 & 12 closed
COM7	Pins 13 & 14 closed
COM8	Pins 15 & 16 closed

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F A S T I S A - 4 0 4 2 , 4 0 6 1

SERIAL PORT 1 INTERRUPT SELECTION	
IRQ	**JP5**
í 3	Pins 1 & 2 closed
4	Pins 3 & 4 closed
5	Pins 5 & 6 closed
6	Pins 7 & 8 closed
7	Pins 9 & 10 closed
9	Pins 11 & 12 closed
10	Pins 13 & 14 closed
11	Pins 15 & 16 closed
12	Pins 17 & 18 closed
15	Pins 19 & 20 closed

SERIAL PORT 2 INTERRUPT SELECTION	
IRQ	**JP6**
3	Pins 1 & 2 closed
í 4	Pins 3 & 4 closed
5	Pins 5 & 6 closed
6	Pins 7 & 8 closed
7	Pins 9 & 10 closed
9	Pins 11 & 12 closed
10	Pins 13 & 14 closed
11	Pins 15 & 16 closed
12	Pins 17 & 18 closed
15	Pins 19 & 20 closed

SERIAL PORT 3 INTERRUPT SELECTION	
IRQ	**JP7**
í 3	Pins 1 & 2 closed
4	Pins 3 & 4 closed
5	Pins 5 & 6 closed
6	Pins 7 & 8 closed
7	Pins 9 & 10 closed
9	Pins 11 & 12 closed
10	Pins 13 & 14 closed
11	Pins 15 & 16 closed
12	Pins 17 & 18 closed
15	Pins 19 & 20 closed

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SERIAL PORT 4 INTERRUPT SELECTION	
IRQ	**JP8**
3	Pins 1 & 2 closed
í 4	Pins 3 & 4 closed
5	Pins 5 & 6 closed
6	Pins 7 & 8 closed
7	Pins 9 & 10 closed
9	Pins 11 & 12 closed
10	Pins 13 & 14 closed
11	Pins 15 & 16 closed
12	Pins 17 & 18 closed
15	Pins 19 & 20 closed

SERIAL PORT 1 CLOCK SPEED SELECTION	
Speed	**JP9**
í 1.8432MHz	Pins 1 & 2 closed
3.6864MHz	Pins 3 & 4 closed
7.3728MHz	Pins 5 & 6 closed

SERIAL PORT 2 CLOCK SPEED SELECTION	
Speed	**JP10**
í 1.8432MHz	Pins 1 & 2 closed
3.6864MHz	Pins 3 & 4 closed
7.3728MHz	Pins 5 & 6 closed

SERIAL PORT 3 CLOCK SPEED SELECTION	
Speed	**JP11**
í 1.8432MHz	Pins 1 & 2 closed
3.6864MHz	Pins 3 & 4 closed
7.3728MHz	Pins 5 & 6 closed

SERIAL PORT 4 CLOCK SPEED SELECTION	
Speed	**JP12**
í 1.8432MHz	Pins 1 & 2 closed
3.6864MHz	Pins 3 & 4 closed
7.3728MHz	Pins 5 & 6 closed

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CONFIGURATION MODE SELECTION			
Mode	**JP13**	**JP14**	**JP15**
í DOS mode	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
AST/UNIX mode	#1	Pins 3 & 4 closed	#2
Note: #1 = setting will depend on desired base address. #2 will depend which IRQ is shared with COM ports. Base address settings are listed below.			

BASE ADDRESS SELECTION			
COM port	**JP13/pins 1 & 2 (DOS)**	**JP13/pins 1 & 2, 3 & 4 (DOS EXT)**	**JP13/pins 1 & 2, 5 & 6 (DOS MD1)**
1	3F8	3E0	3A0
2	2F8	2F0	3A8
3	3E8	3E8	3B0
4	2E8	2E8	3B8
5	3E0	250	2A0
6	2F0	258	2A8
7	2E0	260	2B0
8	260	268	2B8

BASE ADDRESS SELECTION (CON'T)			
COM port	**JP13/pins 1 & 2, 7 & 8 (DOS MD2)**	**JP13/pins 1 & 2, 3 & 4, 5 & 6 (DOS EXT MD1)**	**JP13/pins 1 & 2, 3 & 4, 7 & 8 (DOS EXT MD2)**
1	338	360	340
2	238	260	240
3	328	350	330
4	228	250	230
5	1A0	180	250
6	1A8	188	258
7	1B0	190	260
8	1B8	198	268

MISCELLANEOUS TECHNICAL NOTE
If board is configured in an AST/UNIX mode, the system/software must be able to support the use of one IRQ for all four COM ports that are assigned. Before configuring in an AST/UNIX mode, make sure the system is capable