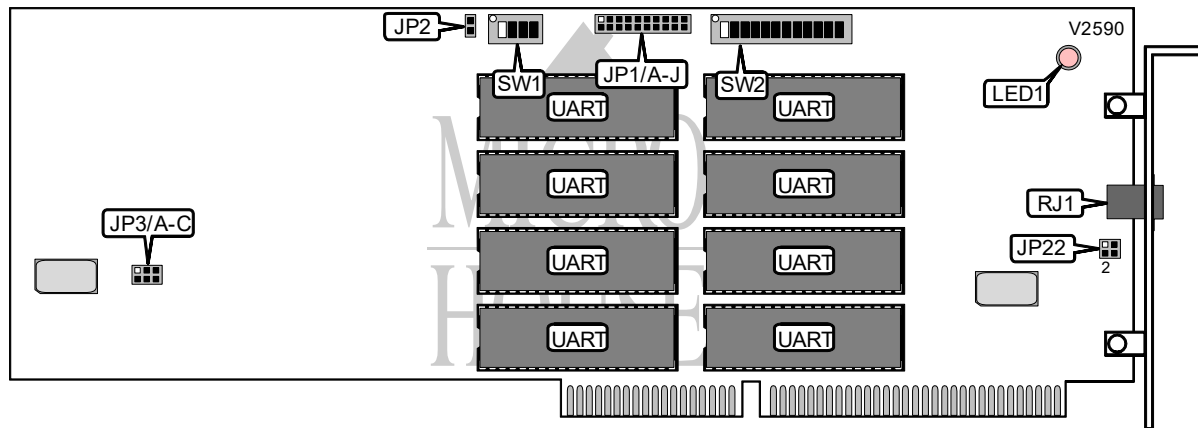


# DECISION COMPUTER INTERNATIONAL CO., LTD.

## SAFLINE 8-PORT MULTIPLEXER SERIAL

**Card Type**  
**Chipset**  
**I/O Options**  
**Data Bus**

Serial  
 GoldStar  
 Serial ports (8)  
 16-bit ISA



CONNECTIONS	
Function	Label
Serial ports via RJ-11 connector	RJ1
Note: Standard DB-25 serial ports are provided on an external expansion box.	

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
Trigger interrupt on low signal	JP2	Closed
Trigger interrupt on high signal	JP2	Open
Factory configured - do not alter	JP22	Pins 1 & 2, 3 & 4 closed
Factory configured - do not alter	SW2/11	Off
Interrupt mask disabled	SW2/12	Off
Interrupt mask enabled	SW2/12	On

BASE I/O ADDRESS				
Setting	SW1/1	SW1/2	SW1/3	SW1/4
000h	Off	Off	Off	Off
040h	Off	Off	Off	On
080h	Off	Off	On	Off
0C0h	Off	Off	On	On
100h	Off	On	Off	Off
140h	Off	On	Off	On
180h	Off	On	On	Off
1C0h	Off	On	On	On
200h	On	Off	Off	Off
240h	On	Off	Off	On
280h	On	Off	On	Off
2C0h	On	Off	On	On
300h	On	On	Off	Off
340h	On	On	Off	On
380h	On	On	On	Off
3C0h	On	On	On	On

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## SAFLINE 8-PORT MULTIPLEXER SERIAL

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INTERRUPT VECTOR					
Setting	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
000h	On	On	On	On	On
001h	Off	On	On	On	On
002h	On	Off	On	On	On
003h	Off	Off	On	On	On
004h	On	On	Off	On	On
005h	On	Off	On	On	On
006h	Off	Off	On	Off	Off
007h	On	On	Off	Off	Off
008h	Off	On	Off	Off	Off
009h	On	Off	Off	Off	Off
00Ah	Off	Off	Off	Off	Off
00Bh	On	Off	Off	Off	Off
00Ch	Off	Off	Off	Off	Off
00Dh	On	Off	Off	Off	Off
00Eh	Off	Off	Off	Off	Off
00Fh	On	Off	Off	Off	Off

INTERRUPT VECTOR (CON'T)					
Setting	SW2/6	SW2/7	SW2/8	SW2/9	SW2/10
000h	On	On	On	On	On
001h	On	On	On	On	On
002h	On	On	On	On	On
003h	On	On	On	On	On
004h	On	On	On	On	On
005h	On	On	On	On	On
006h	On	Off	Off	On	Off
007h	Off	Off	Off	Off	Off
008h	Off	Off	Off	Off	Off
009h	Off	Off	Off	Off	Off
00Ah	Off	Off	Off	Off	Off
00Bh	Off	Off	Off	Off	Off
00Ch	Off	Off	Off	Off	Off
00Dh	Off	Off	Off	Off	Off
00Eh	Off	Off	Off	Off	Off
00Fh	Off	Off	Off	Off	Off

**Note:** A total of 1024 base address settings are available. The switches are a binary representation of the decimal memory addresses. SW2/10 is the Most Significant Bit and switch SW2/1 is the Least Significant Bit. The switches have the following decimal values: SW2/10=512, SW2/9=256, SW2/8=128, SW2/7=64, SW2/6=32, SW2/5=16, SW2/4=8, SW2/3=4, SW2/2=2, SW2/1=1. Turn off the switches and add the values of the switches that are off to obtain the correct memory address. (Off=1, On=0)

INTERRUPT					
Setting	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E
IRQ2/9	Open	Open	Open	Open	Open
IRQ3	Open	Open	Open	Open	Open
IRQ4	Open	Open	Open	Open	Open
IRQ5	Open	Open	Open	Open	Open
IRQ6	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Closed
IRQ10	Open	Open	Open	Closed	Open
IRQ11	Open	Open	Closed	Open	Open
IRQ12	Open	Closed	Open	Open	Open
IRQ15	Closed	Open	Open	Open	Open

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## SAFLINE 8-PORT MULTIPLEXER SERIAL

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INTERRUPT (CON'T)					
Setting	JP1/F	JP1/G	JP1/H	JP1/I	JP1/J
IRQ2/9	Open	Open	Open	Open	Closed
IRQ3	Open	Open	Open	Closed	Open
IRQ4	Open	Open	Closed	Open	Open
IRQ5	Open	Closed	Open	Open	Open
IRQ6	Closed	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Open
IRQ10	Open	Open	Open	Open	Open
IRQ11	Open	Open	Open	Open	Open
IRQ12	Open	Open	Open	Open	Open
IRQ15	Open	Open	Open	Open	Open

MAXIMUM TRANSFER RATE			
Setting	JP4/A	JP4/B	JP4/C
9600bps	Open	Open	Closed
19.2Kbps	Open	Closed	Open
38.4Kbps	Closed	Open	Open

DIAGNOSTIC LED(S)
The function of the LED is unidentified.