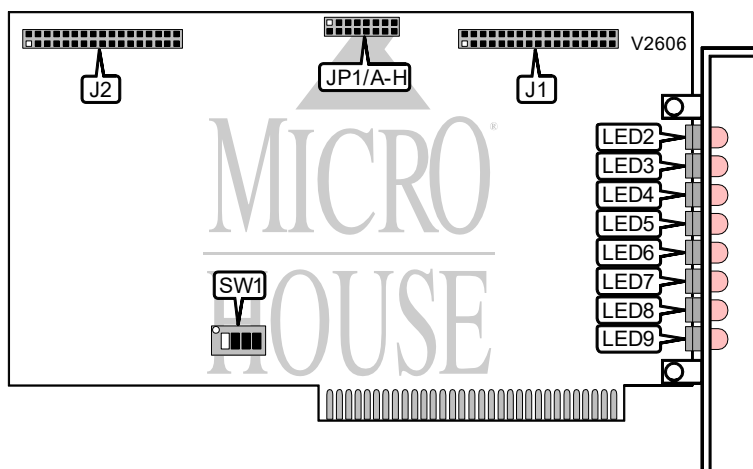


# DECISION COMPUTER INTERNATIONAL CO., LTD.

## TTL/I/O CARD

**Card Type**  
**Chip Set**  
**I/O Options**  
**Data Bus**

Data acquisition  
 Signal Processing Technologies  
 Digital I/O ports (2)  
 8-bit ISA



CONNECTIONS			
Function	Label	Function	Label
Digital I/O port 1 (see pinout below)	J1	Digital I/O port 2 (see pinout below)	J2

J1-J2 PINOUT			
Function	Pin	Function	Pin
DC power	1	Channel 2 bit 0	18
Channel 0 bit 0	2	Channel 2 bit 1	19
Channel 0 bit 1	3	Channel 2 bit 2	20
Channel 0 bit 2	4	Channel 2 bit 3	21
Channel 0 bit 3	5	Channel 2 bit 4	22
Channel 0 bit 4	6	Channel 2 bit 5	23
Channel 0 bit 5	7	Channel 2 bit 6	24
Channel 0 bit 6	8	Channel 2 bit 7	25
Channel 0 bit 7	9	Channel 3 bit 0	26
Channel 1 bit 0	10	Channel 3 bit 1	27
Channel 1 bit 1	11	Channel 3 bit 2	28
Channel 1 bit 2	12	Channel 3 bit 3	29
Channel 1 bit 3	13	Channel 3 bit 4	30
Channel 1 bit 4	14	Channel 3 bit 5	31
Channel 1 bit 5	15	Channel 3 bit 6	32
Channel 1 bit 6	16	Channel 3 bit 7	33
Channel 1 bit 7	17	Ground	34
Note: J2 is wired identically to J1. J1 has the signals for channels 0 through 3, and J2 has the signals for channels 4 through 7.			

*Continued on next page. . .*

# DECISION COMPUTER INTERNATIONAL CO., LTD.

## TTL/IO CARD

... continued from previous page

BASE I/O ADDRESS				
Setting	SW1/1	SW1/2	SW1/3	SW1/4
180h	On	On	On	On
188h	On	On	On	Off
190h	On	On	Off	On
198h	On	On	Off	Off
1A0h	On	Off	On	On
1A8h	On	Off	On	Off
1B0h	On	Off	Off	On
1B8h	On	Off	Off	Off
1C0h	Off	On	On	On
1C8h	Off	On	On	Off
1D0h	Off	On	Off	On
1D8h	Off	On	Off	Off
1E0h	Off	Off	On	On
1E8h	Off	Off	On	Off
1F0h	Off	Off	Off	On
1F8h	Off	Off	Off	Off

LED INDICATION								
Setting	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E	JP1/F	JP1/G	JP1/H
Channel 0	Closed	Open	Open	Open	Open	Open	Open	Open
Channel 1	Open	Closed	Open	Open	Open	Open	Open	Open
Channel 2	Open	Open	Closed	Open	Open	Open	Open	Open
Channel 3	Open	Open	Open	Closed	Open	Open	Open	Open
Channel 4	Open	Open	Open	Open	Closed	Open	Open	Open
Channel 5	Open	Open	Open	Open	Open	Closed	Open	Open
Channel 6	Open	Open	Open	Open	Open	Open	Closed	Open
Channel 7	Open	Open	Open	Open	Open	Open	Open	Closed

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED2	Unidentified	On	Bit 0 of port indicated by JP1 is active
LED2	Unidentified	Off	Bit 0 of port indicated by JP1 is not active
LED3	Unidentified	On	Bit 1 of port indicated by JP1 is active
LED3	Unidentified	Off	Bit 1 of port indicated by JP1 is not active
LED4	Unidentified	On	Bit 2 of port indicated by JP1 is active
LED4	Unidentified	Off	Bit 2 of port indicated by JP1 is not active
LED5	Unidentified	On	Bit 3 of port indicated by JP1 is active
LED5	Unidentified	Off	Bit 3 of port indicated by JP1 is not active
LED6	Unidentified	On	Bit 4 of port indicated by JP1 is active
LED6	Unidentified	Off	Bit 4 of port indicated by JP1 is not active
LED7	Unidentified	On	Bit 5 of port indicated by JP1 is active
LED7	Unidentified	Off	Bit 5 of port indicated by JP1 is not active
LED8	Unidentified	On	Bit 6 of port indicated by JP1 is active
LED8	Unidentified	Off	Bit 6 of port indicated by JP1 is not active
LED9	Unidentified	On	Bit 7 of port indicated by JP1 is active
LED9	Unidentified	Off	Bit 7 of port indicated by JP1 is not active