# DECISION COMPUTER INTERNATIONAL CO., LTD.
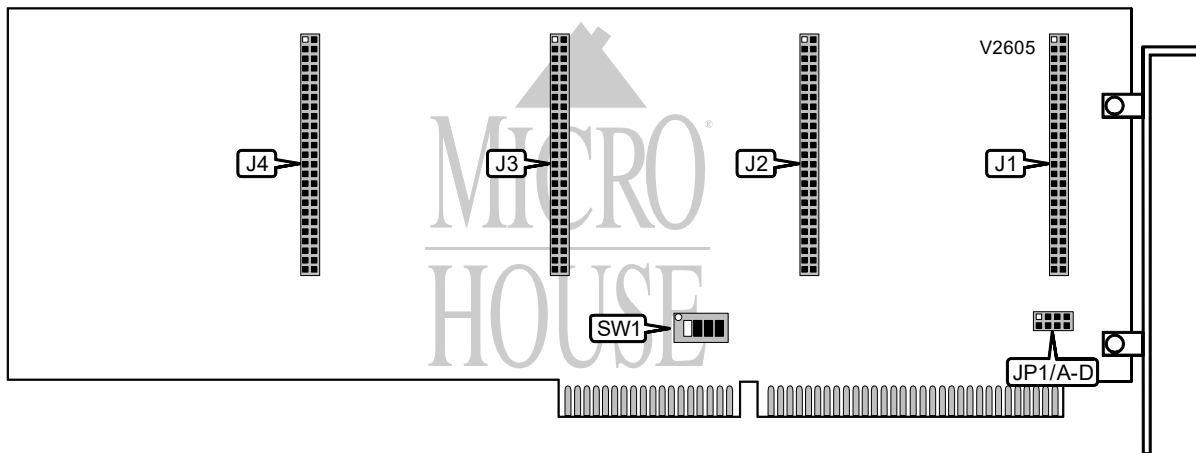# 16-BIT ISA INDUSTRIAL CONTROL CARD

**Card Type**        Data acquisition
**Chipset**        Unidentified
**I/O Options**        Digital I/O ports (4)
**Data Bus**        16-bit ISA



| CONNECTIONS | | | |
|---|---|---|---|
| **Function** | **Label** | **Function** | **Label** |
| Digital I/O port 1 (see pinout below) | J1 | Digital I/O port 3 (see pinout below) | J3 |
| Digital I/O port 2 (see pinout below) | J2 | Digital I/O port 4 (see pinout below) | J4 |

| J1-J4 PINOUT | | | |
|---|---|---|---|
| **Function** | **Pin** | **Function** | **Pin** |
| +12V DC power | 1 | Channel 1 bit 0 | 21 |
| +12V DC power | 2 | Channel 1 bit 1 | 22 |
| Ground | 3 | Channel 1 bit 2 | 23 |
| Ground | 4 | Channel 1 bit 3 | 24 |
| Channel 0 bit 0 | 5 | Channel 1 bit 4 | 25 |
| Channel 0 bit 1 | 6 | Channel 1 bit 5 | 26 |
| Channel 0 bit 2 | 7 | Channel 1 bit 6 | 27 |
| Channel 0 bit 3 | 8 | Channel 1 bit 7 | 28 |
| Channel 0 bit 4 | 9 | Channel 1 bit 8 | 29 |
| Channel 0 bit 5 | 10 | Channel 1 bit 9 | 30 |
| Channel 0 bit 6 | 11 | Channel 1 bit 10 | 31 |
| Channel 0 bit 7 | 12 | Channel 1 bit 11 | 32 |
| Channel 0 bit 8 | 13 | Channel 1 bit 12 | 33 |
| Channel 0 bit 9 | 14 | Channel 1 bit 13 | 34 |
| Channel 0 bit 10 | 15 | Channel 1 bit 14 | 35 |
| Channel 0 bit 11 | 16 | Channel 1 bit 15 | 36 |
| Channel 0 bit 12 | 17 | Ground | 37 |
| Channel 0 bit 13 | 18 | -5V DC power | 38 |
| Channel 0 bit 14 | 19 | /ENB1 | 39 |
| Channel 0 bit 15 | 20 | Ground | 40 |

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| J1-J4 PINOUT (CON'T) | | | |
|---|---|---|---|
| **Function** | **Pin** | **Function** | **Pin** |
| /ENB2 | 41 | -12V DC power | 46 |
| Ground | 42 | +5V DC power | 47 |
| /ENB3 | 43 | +5V DC power | 48 |
| Ground | 44 | +5V DC power | 49 |
| /ENB4 | 45 | Ground | 50 |
| Note: J2 through J4 are wired identically to J1. J1 has the signals for channels 0 and 1. J2 through J4 have the signals for channels 2 through 7, respectively. | | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| **Setting** | **Label** | **Position** |
| í  Factory configured - do not alter | SW1/4 | Off |

| WAIT STATES | | | | |
|---|---|---|---|---|
| **Setting** | **JP1/A** | **JP1/B** | **JP1/C** | **JP1/D** |
| 0 | Closed | Open | Open | Open |
| 1 | Open | Closed | Open | Open |
| 2 | Open | Open | Closed | Open |
| 3 | Open | Open | Open | Closed |

| BASE I/O ADDRESS | | | |
|---|---|---|---|
| **Setting** | **SW1/1** | **SW1/2** | **SW1/3** |
| í  180h | On | On | On |
| 190h | On | On | Off |
| 1A0h | On | Off | On |
| 1B0h | On | Off | Off |
| 1C0h | Off | On | On |
| 1D0h | Off | On | Off |
| 1E0h | Off | Off | On |
| 1F0h | Off | Off | Off |