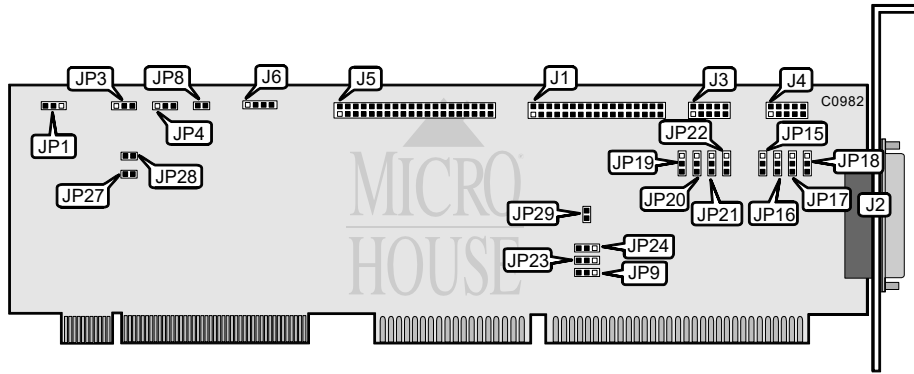


ADVANCED INTEGRATION RESEARCH, INC. IDE-2V

Q3/96

Data bus: 32-bit VL-bus
 Size: Three-quarter length, half-height card
 Hard drive supported: Two IDE(AT) drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



| CONNECTIONS | | |
|---------------------------------------|----------|--|
| Function | Location | |
| 34-pin cable connector - floppy drive | J1 | |
| 25-pin parallel port - external | J2 | |
| 10-pin serial port 2 - internal | J3 | |
| 10-pin serial port 1 - internal | J4 | |
| 40-pin IDE(AT) connector | J5 | |
| 4-pin connector - drive active LED | J6 | |

| USER CONFIGURABLE SETTINGS | | |
|-------------------------------------|----------|-------------------|
| Function | Location | Setting |
| í Serial port 1 IRQ 4 select | JP23 | Pins 2 & 3 closed |
| Serial port 1 IRQ 3 select | JP23 | Pins 1 & 2 closed |
| í Serial port 2 IRQ 3 select | JP24 | Pins 2 & 3 closed |
| Serial port 2 IRQ 4 select | JP24 | Pins 1 & 2 closed |
| í Parallel port IRQ 7 select | JP9 | Pins 2 & 3 closed |
| Parallel port IRQ 5 select | JP9 | Pins 1 & 2 closed |
| í Floppy drive interface enabled | JP22 | Pins 2 & 3 closed |
| Floppy drive interface disabled | JP22 | Pins 1 & 2 closed |
| í Turbo speed disabled | JP1 | Pins 2 & 3 closed |
| Turbo speed enabled | JP1 | Pins 1 & 2 closed |
| í Factory configured - do not alter | JP29 | Open |

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IDE-2V

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| PARALLEL PORT ADDRESS SELECTION | | |
|---------------------------------|-------------------|-------------------|
| LPT | JP19 | JP20 |
| LPT1 (378h) | Pins 1 & 2 closed | Pins 2 & 3 closed |
| f LPT2 (278h) | Pins 2 & 3 closed | Pins 2 & 3 closed |
| LPT3 (3BCh) | Pins 2 & 3 closed | Pins 1 & 2 closed |
| Disabled | Pins 1 & 2 closed | Pins 1 & 2 closed |

| SERIAL PORT 1 ADDRESS SELECTION | | |
|---------------------------------|-------------------|-------------------|
| COM | JP15 | JP16 |
| f COM1 (3F8h) | Pins 2 & 3 closed | Pins 2 & 3 closed |
| COM2 (2F8h) | Pins 1 & 2 closed | Pins 2 & 3 closed |
| Disabled | Pins 2 & 3 closed | Pins 1 & 2 closed |

| SERIAL PORT 2 ADDRESS SELECTION | | |
|---------------------------------|-------------------|-------------------|
| COM | JP17 | JP18 |
| f COM2 (2F8h) | Pins 2 & 3 closed | Pins 2 & 3 closed |
| COM1 (3F8h) | Pins 1 & 2 closed | Pins 2 & 3 closed |
| Disabled | Pins 2 & 3 closed | Pins 1 & 2 closed |

| IDE ENABLE/DISABLE SELECTION | | |
|------------------------------|--------|-------------------|
| Setting | JP8 | JP21 |
| f Enable | Open | Pins 2 & 3 closed |
| Disable | Closed | Pins 1 & 2 closed |

| IRQ14 BUFFER SELECTION | | |
|------------------------|--------|--------|
| IRQ14 | JP27 | JP28 |
| f Direct from drive | Open | Closed |
| Buffered from drive | Closed | Open |

| IDE RECOVERY TIME SELECTION | | |
|-----------------------------|-------------------|-------------------|
| Setting | JP3 | JP4 |
| 120ns | Pins 1 & 2 closed | Pins 1 & 2 closed |
| 180ns | Pins 2 & 3 closed | Pins 1 & 2 closed |
| 240ns | Pins 1 & 2 closed | Pins 2 & 3 closed |
| f 300ns | Pins 2 & 3 closed | Pins 2 & 3 closed |