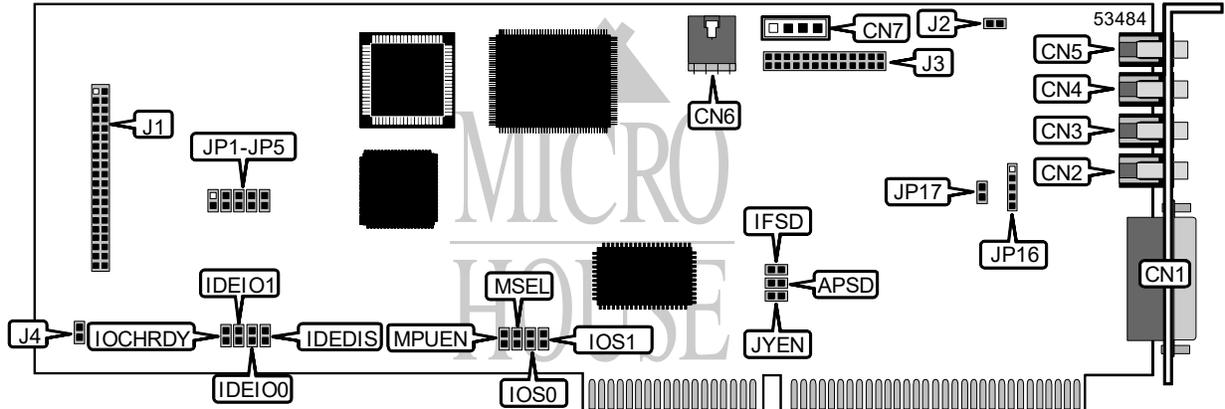


CREATIVE LABS, INC. SOUNDBLASTER 16 VALUE IDE (CT2291)

Card Type
Chip Set
Maximum Onboard Memory
I/O Options

Sound card
Unidentified
None
Game/MIDI port, IDE interface connector, speaker out, line out, line in, microphone in, CD-ROM audio in (2), PC speaker connector, wavetable connector
Data Bus
16-bit ISA



| CONNECTIONS | | | | |
|-------------------|-------|----------------------------|-------|--|
| Function | Label | Function | Label | |
| Game/MIDI port | CN1 | Audio in - CD-ROM | CN7 | |
| Speaker out | CN2 | CD-ROM interface - ATAPI | J1 | |
| Line out | CN3 | PC speaker connector | J2 | |
| Microphone in | CN4 | Feature connector | J3 | |
| Line in | CN5 | Audio connector - internal | JP16 | |
| Audio in - CD-ROM | CN6 | | | |

| USER CONFIGURABLE SETTINGS | | | |
|----------------------------------|-------------|----------|--|
| Function | Label | Position | |
| í Factory default - do not alter | IDEDIS | Open | |
| í Factory default - do not alter | IOCHRD Y | Open | |
| í Joystick enabled | JYEN | Closed | |
| Joystick disabled | JYEN | Open | |
| í Factory default - do not alter | J4 | Closed | |
| í Speaker enable | JP17 | Closed | |
| Speaker disable | JP17 | Open | |
| í MPU-401 port enabled | MPUEN | Closed | |
| MPU-401 port disabled | MPUEN | Open | |

| IDE I/O ADDRESS | | | |
|-----------------|---------|---------|--|
| Setting | IDE IO0 | IDE IO1 | |
| Secondary | Closed | Open | |
| íTertiary | Open | Closed | |
| Quaternary | Open | Open | |

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SOUNDBLASTER 16 VALUE IDE (CT2291)

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| AUDIO I/O ADDRESS SELECTION | | |
|-----------------------------|--------|--------|
| Address | IOS0 | IOS1 |
| í 220h | Closed | Closed |
| 240h | Open | Closed |
| 260h | Closed | Open |

| MPU-401 I/O ADDRESS SELECTION | | |
|-------------------------------|--------|--|
| Address | MSEL | |
| 300h | Open | |
| í 330h | Closed | |

| CSP CHIP SELECTION | | |
|--------------------|--------|--------|
| | IFSD | APSD |
| í Disabled | Closed | Closed |
| Enabled | Open | Open |

Note: The IFSD and APDS jumpers are enabled on the CT2230S and are disabled on the CT2239s

| IRQ SELECTION | | | | | |
|---------------|--------|--------|--------|--------|--------|
| IRQ | JP1 | JP2 | JP3 | JP4 | JP5 |
| IRQ10 | Closed | Open | Open | Open | Open |
| IRQ11 | Open | Closed | Open | Open | Open |
| IRQ12 | Open | Open | Closed | Open | Open |
| IRQ14 | Open | Open | Open | Closed | Open |
| IRQ15 | Open | Open | Open | Open | Closed |