# CREATIVE LABS, INC.
# SOUNDBLASTER AWE32 IDE/MKP CSP (CT3900)

| | |
|---|---|
| **Card Type** | Sound card |
| **Chip Set** | Creative Technology |
| **Maximum Onboard Memory** | Unidentified |
| **I/O Options** | CD-ROM interfaces (2), microphone connector, line in connector, line out connector, speaker out connector, game/MIDI port, PC internal speaker, CD-ROM audio in connectors (2), feature connector |
| **Data Bus** | 16-bit ISA |



| CONNECTIONS | | | |
|---|---|---|---|
| **Function** | **Label** | **Function** | **Label** |
| Line in connector | CN1 | CD-ROM audio in connector | CN7 |
| Microphone connector | CN2 | Feature connector | CN8 |
| Line out connector | CN3 | Panasonic CD-ROM interface | CN9 |
| Speaker out connector | CN4 | CD-ROM interface | CN10 |
| Game/MIDI port | CN5 | PC internal speaker | JP19 |
| CD-ROM audio in connector | CN6 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| **Function** | **Label** | **Position** |
| í   Factory configured – do not alter | JP1 | Unidentified |
| í   Joystick enabled | JP14 | Closed |
|      Joystick disabled | JP14 | Open |
| í   MP-401 enabled | JP15 | Closed |
|      MP-401 disabled | JP15 | Open |
| í   MP-401 I/O address select 330 | JP16 | Closed |
|      MP-401 I/O address select 300 | JP16 | Open |
| í   Factory configured – do not alter | JP20 | Unidentified |
| í   Factory configured – do not alter | JP21 | Unidentified |
| í   Factory configured – do not alter | SPDIF | Unidentified |
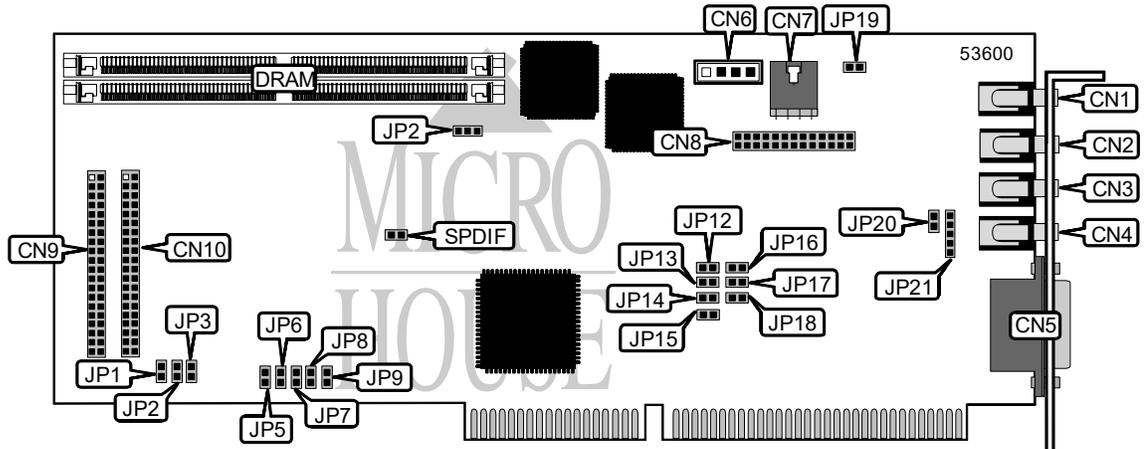
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| DRAM CONFIGURATION |
|---|
| Note:   Board is factory installed with 512KB memory.  The maximum amount of onboard memory is unidentified. |

| DRAM JUMPER CONFIGURATION | |
|---|---|
| **Setting** | JP2 |
| í  Memory upgrade disabled | Pins 2 & 3 closed |
| Memory upgrade enabled | Pins 1 & 2 closed |

| AUDIO I/O ADDRESS SELECTION | | |
|---|---|---|
| **Address** | **JP17** | **JP18** |
| í  220 | Closed | Closed |
| 240 | Open | Closed |
| 260 | Closed | Open |
| 280 | Open | Open |

| CSP CHIP SELECTION | | |
|---|---|---|
| **Setting** | **APSD** | **IFSD** |
| Enabled | Open | Open |
| Disabled | Closed | Closed |

| IDE PORT SELECTION | | |
|---|---|---|
| **Port** | **JP2** | **JP3** |
| Secondary | Open | Closed |
| í  Tertiary | Closed | Open |
| Quaternary | Open | Open |
| Disabled | Closed | Closed |

| IDE INTERRUPT SELECTION | | | | | |
|---|---|---|---|---|---|
| **IRQ** | **JP5** | **JP6** | **JP7** | **JP8** | **JP9** |
| 10 | Closed | Open | Open | Open | Open |
| í  11 | Open | Closed | Open | Open | Open |
| 12 | Open | Open | Closed | Open | Open |
| 14 | Open | Open | Open | Closed | Open |
| 15 | Open | Open | Open | Open | Closed |