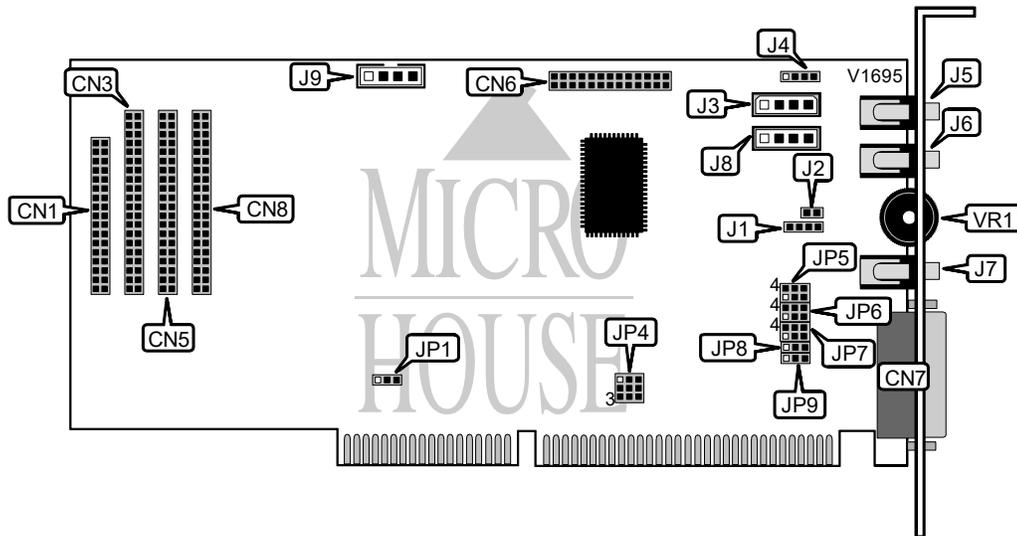# IET STARTECH
SOUNDSTAR E-15-140 (VER. 2.3)

Card Type   Sound card
Chipset Controller ES688
I/O Options   CD-ROM audio (4), CD-ROM interface (4), game/MIDI port, line in, microphone in, PC speaker in, PC speaker out, speaker out, volume, wavetable
Maximum DRAM   N/A

CONNECTIONS			
Purpose	Location	Purpose	Location
Sony CD-ROM interface	CN1	Panasonic CD - audio in	J3
Panasonic CD-ROM interface	CN3	Sony CD - audio in	J4
Mitsumi CD-ROM interface	CN5	Mic in	J5
Wavetable interface	CN6	Line in	J6
Game/MIDI port	CN7	Speaker out	J7
IDE CD-ROM interface	CN8	Mitsumi CD - audio in	J8
PC speaker out	J1	IDE CD - audio in	J9
PC speaker in	J2	Volume	VR1

IDE	
Setting	JP1
Enabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed

IET STARTECH
SOUNDSTAR E-15-140 (VER. 2.3)

AT-BUS I/O PORT ADDRESS	
Address	JP4
í 320h	Pins 2 & 3, 4 & 5, 8 & 9 closed
330h	Pins 1 & 2, 4 & 5, 8 & 9 closed
340h	Pins 2 & 3, 5 & 6, 7 & 8 closed
360h	Pins 2 & 3, 4 & 5, 7 & 8 closed

DMA CHANNEL SELECT	
Setting	JP5
í DMA1	Pins 2 & 3, 4 & 5 closed
DMA0	Pins 1 & 2, 5 & 6 closed
DMA3	Pins 1 & 2, 4 & 5 closed
Disabled	Pins 2 & 3, 5 & 6 closed

AUDIO I/O PORT ADDRESS	
Address	JP6
í 220h	Pins 2 & 3, 5 & 6 closed
230h	Pins 1 & 2, 5 & 6 closed
240h	Pins 2 & 3, 4 & 5 closed
250h	Pins 1 & 2, 4 & 5 closed

AUDIO INTERRUPT	
IRQ	JP7
í 5	Pins 1 & 2, 5 & 6 closed
2/9	Pins 2 & 3, 5 & 6 closed
7	Pins 2 & 3, 4 & 5 closed
10	Pins 1 & 2, 4 & 5 closed

AUDIO	
Setting	JP8
í Enabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed

GAME/MIDI	
Setting	JP9
í Enabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed