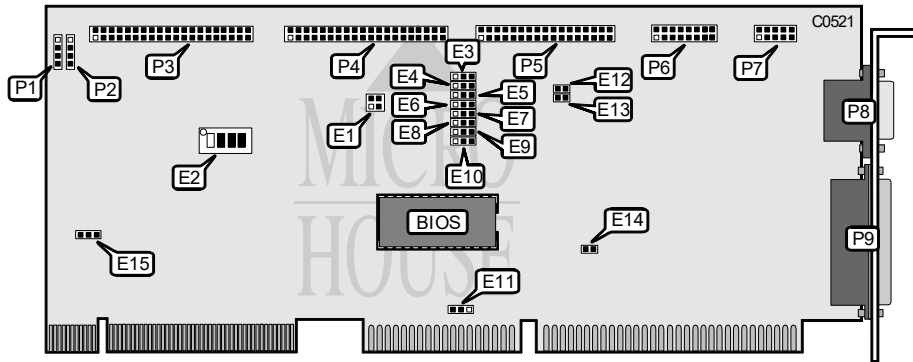


SILICON VALLEY COMPUTER, INC.

ADP90VL

Q3/94

Data bus: 32-bit VESA
 Size: Three-quarter length, full-height card
 Hard drive supported: Four IDE(AT) interface devices
 Floppy drives supported: 360KB, 720KB, 1.2MB, 1.44MB



CONNECTIONS	
Function	Location
4-pin connector - drive active LED	P1
4-pin connector - drive active LED	P2
40-pin IDE(AT) interface VESA connector	P3
40-pin IDE(AT) interface ISA tape drive connector	P4
34-pin control cable connector - floppy drive	P5
15-pin game port - internal	P6
9-pin serial port - internal	P7
9-pin serial port - external	P8
25-pin parallel port - external	P9

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
Serial port 1 enabled	E3	pins 2 & 3 closed
Serial port 1 disabled	E3	pins 1 & 2 closed
Serial port 1 address 3F8h select	E4	pins 2 & 3 closed
Serial port 1 address 3E8h select	E4	pins 1 & 2 closed
Serial port 2 enabled	E5	pins 2 & 3 closed
Serial port 2 disabled	E5	pins 1 & 2 closed

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USER CONFIGURABLE SETTINGS(CONTINUED)		
Function	Location	Setting
Serial port 2 address 2F8h select	E6	pins 2 & 3 closed
Serial port 2 address 2E8h select	E6	pins 1 & 2 closed
Parallel port enabled	E7	pins 2 & 3 closed
Parallel port disabled	E7	pins 1 & 2 closed
Parallel port address 378h select	E8	pins 2 & 3 closed
Parallel port address 278h select	E8	pins 1 & 2 closed
Floppy drive interface enabled	E9	pins 2 & 3 closed
Floppy drive interface disabled	E9	pins 1 & 2 closed
ISA IDE(AT) interface enabled	E10	pins 2 & 3 closed
ISA IDE(AT) interface disabled	E10	pins 1 & 2 closed
ISA IDE(AT) interface interrupt IRQ15 select	E11	pins 2 & 3 closed
ISA IDE(AT) interface interrupt IRQ10 select	E11	pins 1 & 2 closed
Game port enabled	E12 & E13	closed
Game port disabled	E12 & E13	open
8/16KB BIOS enabled	E14	open
32KB BIOS enabled	E14	closed
Factory configured - do not alter	E15	N/A

BASE MEMORY ADDRESS SELECT	
Address	E1
C8000h	All open
CA000h	pins 3 & 4 closed
CC000h	pins 1 & 2 closed
CE000h	pins 1 & 2, 3 & 4 closed

VESA IDE TRANSFER RATE					
System Speed(Mhz)	Mbyte/sec	E2/1	E2/2	E2/3	E2/4
25/DX2-50	1.67	on	on	on	on
25/DX2-50	2.00	off	on	on	on
25/DX2-50	2.50	on	off	on	on
25/DX2-50	2.94	off	off	on	on
25/DX2-50	3.12	on	on	off	on
25/DX2-50	4.16	off	on	off	on
25/DX2-50	4.54	on	off	off	on
25/DX2-50	6.25	off	off	off	on

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VESA IDE TRANSFER RATE(CONTINUED)					
System Speed(Mhz)	Mbyte/sec	E2/1	E2/2	E2/3	E2/4
33/DX2-66	2.22	on	on	on	on
33/DX2-66	2.66	off	on	on	on
33/DX2-66	3.33	on	off	on	on
33/DX2-66	3.92	off	off	on	on
33/DX2-66	4.16	on	on	off	on
33/DX2-66	5.55	off	on	off	on
33/DX2-66	6.06	on	off	off	on
33/DX2-66	8.33	off	off	off	on
50	3.33	on	on	on	on
50	4.00	off	on	on	on
50	5.00	on	off	on	on
50	5.88	off	off	on	on
50	6.25	on	on	off	on
50	8.33	off	on	off	on
50	9.09	on	off	off	on
50	12.5	off	off	off	on