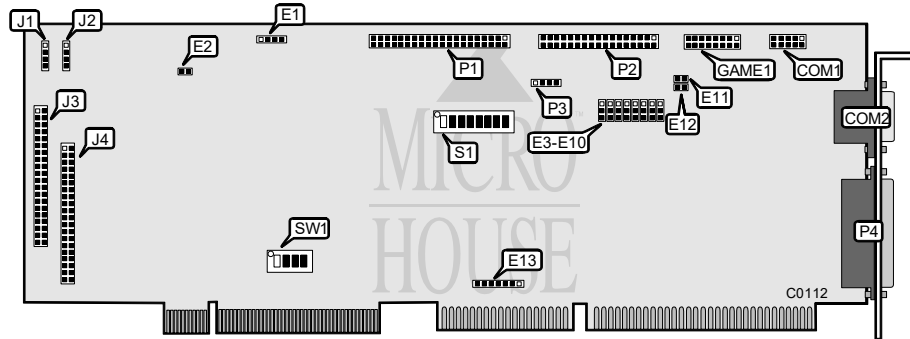


SILICON VALLEY COMPUTER INC.

ADP111V

Q3/94

Data bus: 32-bit, VL-bus
 Size: Full-length, full-height card
 Hard drive supported: (2) IDE(AT) interface drives, (2) IDE mirror drives, IDE tape drive
 Floppy drives supported: 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
9-pin serial port 1 - internal	COM1
9-pin serial port 2 - external	COM2
15-pin connector - game port	GAME1
4-pin connector - Mirror drive active LED	J1
4-pin connector - primary drive active LED	J2
40-pin connector - IDE mirror drive cable	J3
40-pin IDE(AT) interface connector	J4
40-pin ISA IDE tape/IDE CD-ROM interface connector	P1
34-pin control cable connector - floppy drive	P2
4-pin connector - IDE tape/IDE CD-ROM drive active LED	P3
25-pin parallel port - external	P4

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
8051/8031 micro controller is installed	E1	pins 1 & 2, 3 & 4 closed
80C51/80C31 micro controller is installed	E1	pins 2 & 3 closed
Serial port 2 enabled	E3	pins 2 & 3 closed
Serial port 2 disabled	E3	pins 1 & 2 closed
Parallel port enabled	E4	pins 2 & 3 closed
Parallel port disabled	E4	pins 1 & 2 closed

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USER CONFIGURABLE SETTINGS(CONTINUED)		
Function	Location	Setting
í ISA IDE interface enabled	E5	pins 2 & 3 closed
ISA IDE interface disabled	E5	pins 1 & 2 closed
í Floppy drive interface enabled	E6	pins 2 & 3 closed
Floppy drive interface disabled	E6	pins 1 & 2 closed
í Serial port 2 address 2F8 - 2EFh select	E7	pins 2 & 3 closed
Serial port 2 address 2E8 - 2EFh select	E7	pins 1 & 2 closed
í Serial port 1 address 3F8 - 3FFh select	E8	pins 2 & 3 closed
Serial port 1 address 3E8 - 3EFh select	E8	pins 1 & 2 closed
í Serial port 1 enabled	E9	pins 2 & 3 closed
Serial port 1 disabled	E9	pins 1 & 2 closed
í Parallel port address 378 - 37Fh select	E10	pins 2 & 3 closed
Parallel port address 278 - 27Fh select	E10	pins 1 & 2 closed
í Game port enabled	E11 & E12	closed
Game port disabled	E11 & E12	open
í ISA IDE tape drive interrupt IRQ15 select	E13	pins 2 & 3 closed
ISA IDE tape drive interrupt IRQ10 select	E13	pins 1 & 2 closed
ISA IDE tape drive interrupt IRQ14 select(do not use)	E13	pins 4 & 5 closed
í VESA IDE interface interrupt IRQ14 select	E13	pins 5 & 6 closed
VESA IDE interface interrupt IRQ15 select(do not use)	E13	pins 6 & 7 closed
Factory configured - do not alter	S1/4	N/A
Factory configured - do not alter	S1/5	N/A
í External BIOS enabled	S1/6	off
Internal BIOS enabled	S1/6	on
í Factory configured - do not alter	S1/7	N/A
í Factory configured - do not alter	S1/8	N/A
í Factory configured - do not alter	SW1/4	on

BASE MEMORY ADDRESS SELECT		
Address	S1/1	S1/2
í CC000h	on	off
D8000h	off	on
DC000h	off	off
Disabled	on	on

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BIOS SIZE		
Size	E2	S1/3
8KB	open	on
16KB	closed	off
Note: The manufacturer recommends that the default value of 8KB should not be changed by the user.		

DATA TRANSFER RATE TABLE			
CPU Speed/Type			
Setting	25/DX2-50 MHz	33/DX-66 MHz	50MHz
0	1.67	2.22	3.33
1	2.00	2.66	4.00
2	2.50	3.33	5.00
3	2.94	3.92	5.88
4	3.12	4.60	6.25
5	4.16	5.55	8.33
6	4.54	6.06	9.09
7	6.25	8.33	12.50

DATA TRANSFER RATE SWITCH SETTINGS			
Setting	SW1/1	SW1/2	SW1/3
0	on	on	on
1	on	on	off
2	on	off	on
3	on	off	off
4	off	on	on
5	off	on	off
6	off	off	on
7	off	off	off