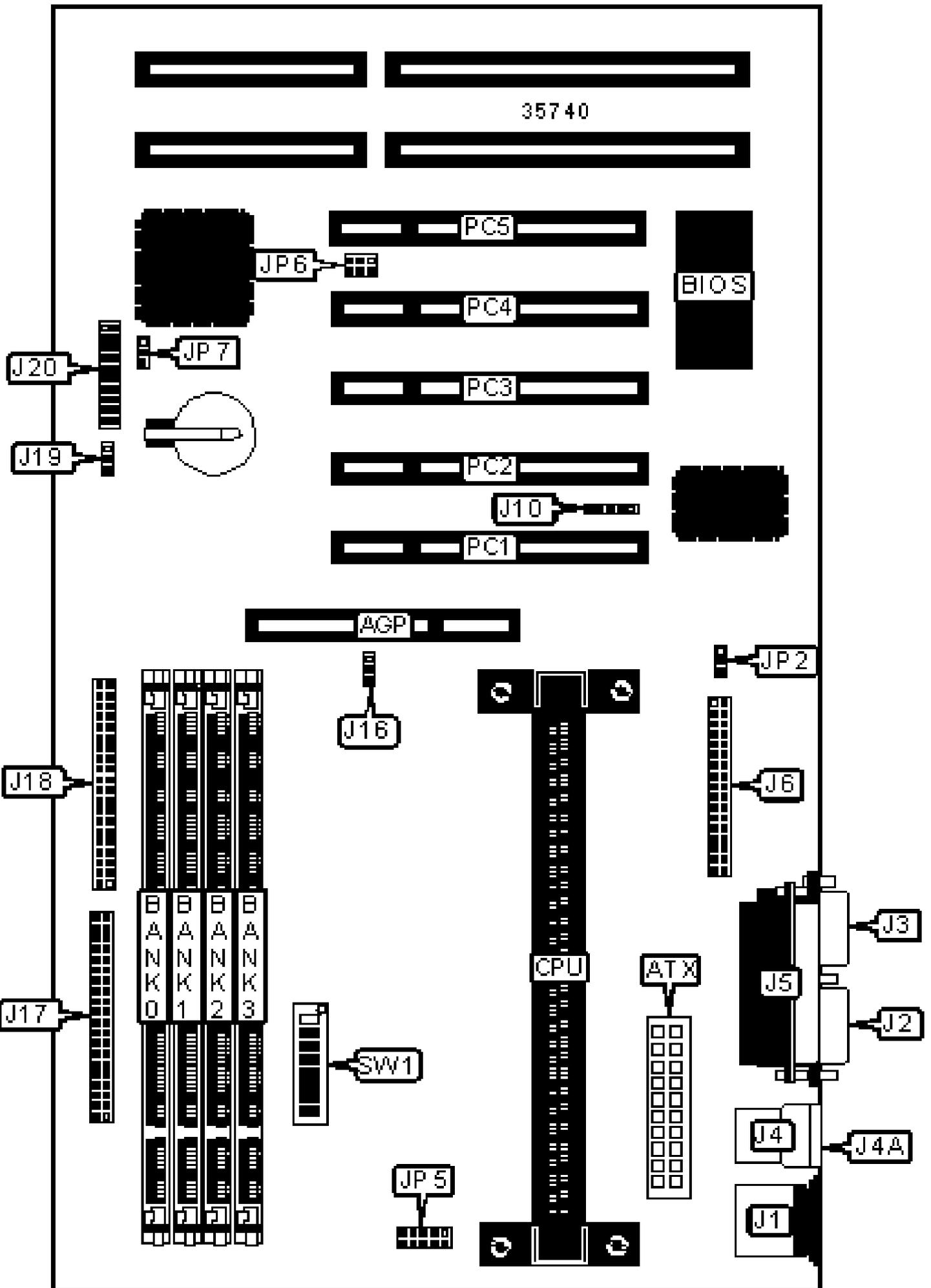


**CALIFORNIA GRAPHICS & PERIPHERALS, INC.**

**POWER PRO II AGP (REV. 2.0)**

**Configuration**



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	J18
ATX power connector	ATX	Chassis fan power	J19
PS/2 mouse port	J1	Wake on LAN connector	JP2
Serial port 1	J2	SB-link connector	JP6
Serial port 2	J3	Speaker	J20/pins 1 - 4
USB connector 1	J4	Green PC connector	J20/pins 6 & 16
USB connector 2	J4A	Soft off power supply	J20/pins 7 & 17
Parallel port	J5	Turbo LED	J20/pins 8 & 18
Floppy drive interface	J6	Reset switch	J20/pins 9 & 19
IR connector	J10	IDE interface LED	J20/pins 10 & 20
CPU fan power	J16	Power LED & keylock	J20/pins 11 - 15
IDE interface 2	J17	32-bit PCI slots	PC1 – PC5

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP5	Unidentified
» CMOS memory normal operation	JP7	Pins 1 & 2 closed
» CMOS memory clear	JP7	Pins 2 & 3 closed

## DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None

24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64			
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64			
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64

192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64			
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64			
Note: Board accepts EDO & SDRAM memory.				

### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	Off	Off
266MHz	66MHz	4x	Off	Off	Off	Off
300MHz	66MHz	4.5x	Off	Off	Off	Off
333MHz	66MHz	5x	Off	Off	Off	Off

### CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
233MHz	66MHz	3.5x	On	Off	Off	On

266MHz	66MHz	4x	Off	On	On	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	Off	Off	On	On