MAGITRONICS

A-P597JH2-A (REV. 1.4 VER. 2)

Configuration
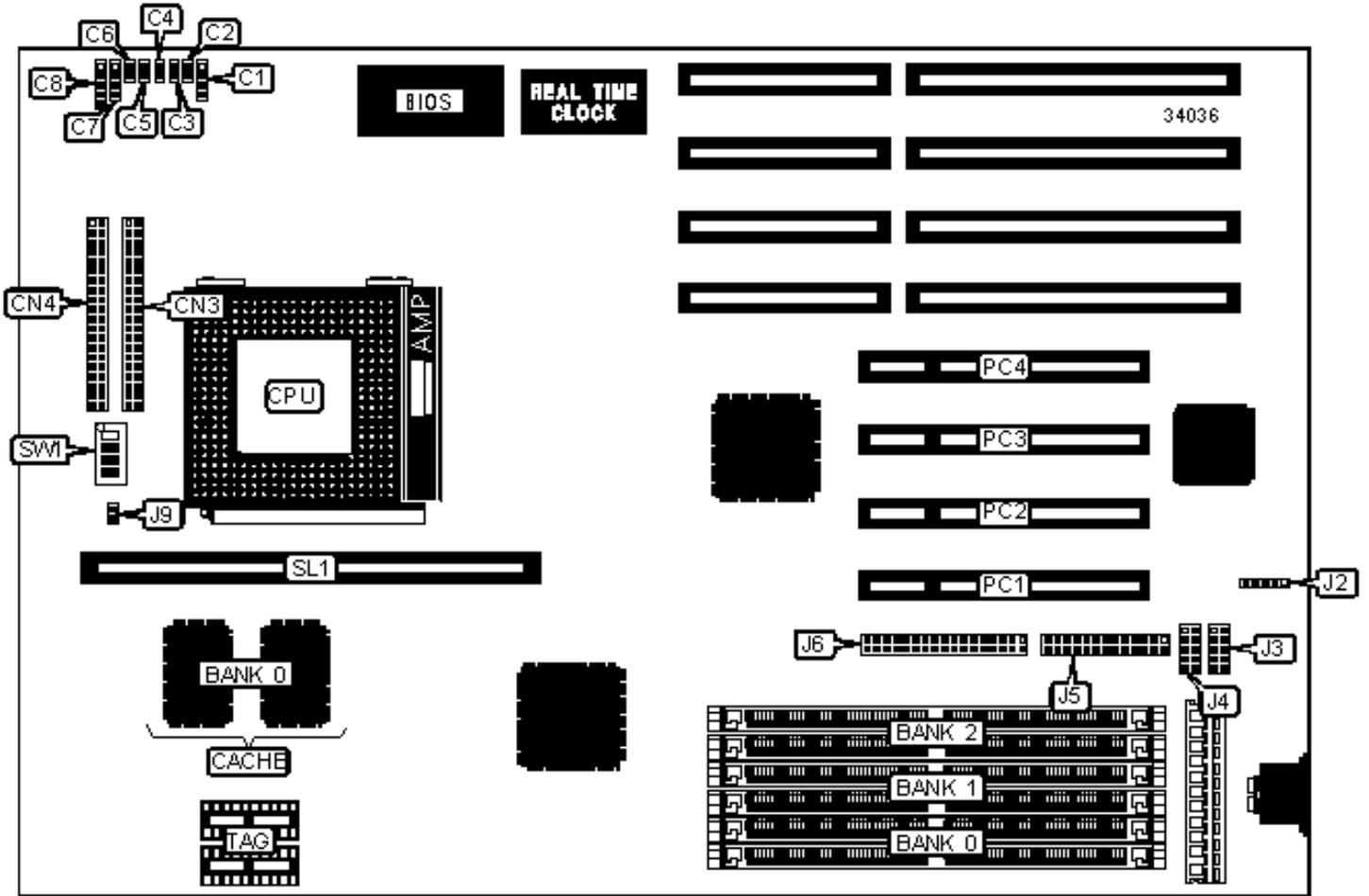
CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	C1	IDE interface 2	CN4
Green PC connector	C2	PS/2 mouse interface	J2
Green PC LED	C3	Serial port 1	J3
Reset switch	C4	Serial port 2	J4
Turbo switch	C5	Parallel port	J5
Turbo LED	C6	Floppy drive interface	J6
Speaker	C7	Chassis fan power	J9
Power LED & keylock	C8	32-bit PCI slots	PC1 – PC4
IDE interface 1	CN3	Cache slot	SL1

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 2M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
48MB	(2) 4M x 36	(2) 2M x 36	None

Size	Bank 0	Bank 1	Bank 2
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36

DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
136MB	(2) 16M x 36	(2) 1M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36

152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
200MB	(2) 16M x 36	(2) 8M x 36	(2) 1M x 36
208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 32M x 36	None	None
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
280MB	(2) 32M x 36	(2) 2M x 36	(2) 1M x 36
288MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
296MB	(2) 32M x 36	(2) 4M x 36	(2) 1M x 36
304MB	(2) 32M x 36	(2) 4M x 36	(2) 2M x 36
320MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
328MB	(2) 32M x 36	(2) 8M x 36	(2) 1M x 36
336MB	(2) 32M x 36	(2) 8M x 36	(2) 2M x 36

352MB	(2) 32M x 36	(2) 8M x 36	(2) 4M x 36
384MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None
392MB	(2) 32M x 36	(2) 16M x 36	(2) 1M x 36
400MB	(2) 32M x 36	(2) 16M x 36	(2) 2M x 36
416MB	(2) 32M x 36	(2) 16M x 36	(2) 4M x 36
448MB	(2) 32M x 36	(2) 16M x 36	(2) 8M x 36
512MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None
Note: Board accepts EDO memory.			

CACHE CONFIGURATION

Size	Bank 0	SL1	TAG
256KB (A)	(2) 32K x 32	Not installed	(1) 16K x 8
256KB (B)	(2) 32K x 32	Not installed	(2) 16K x 8
512KB (A)	(2) 32K x 32	256KB module installed	(1) 16K x 8
512KB (B)	(2) 32K x 32	256KB module installed	(2) 16K x 8

CPU SPEED SELECTION (CYRIX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
120MHz	50MHz	1.5x	On	Off	On	On
133MHz	55MHz	1.5x	On	Off	Off	Off
150MHz	60MHz	1.5x	On	Off	Off	On
166MHz	66MHz	1.5x	On	Off	On	Off

CPU SPEED SELECTION (AMD)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
75MHz	50MHz	1.5x	Off	Off	On	On
90MHz	60MHz	1.5x	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	On	Off
120MHz	60MHz	2x	On	Off	Off	On
133MHz	66MHz	2x	On	Off	On	Off

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
75MHz	50MHz	1.5x	Off	Off	On	On
90MHz	60MHz	1.5x	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	On	Off
120MHz	60MHz	2x	On	Off	Off	On
133MHz	66MHz	2x	On	Off	On	Off
150MHz	60MHz	2.5x	On	On	Off	On
166MHz	66MHz	2.5x	On	On	On	Off
180MHz	60MHz	3x	Off	On	Off	On
200MHz	66MHz	3x	Off	On	On	Off