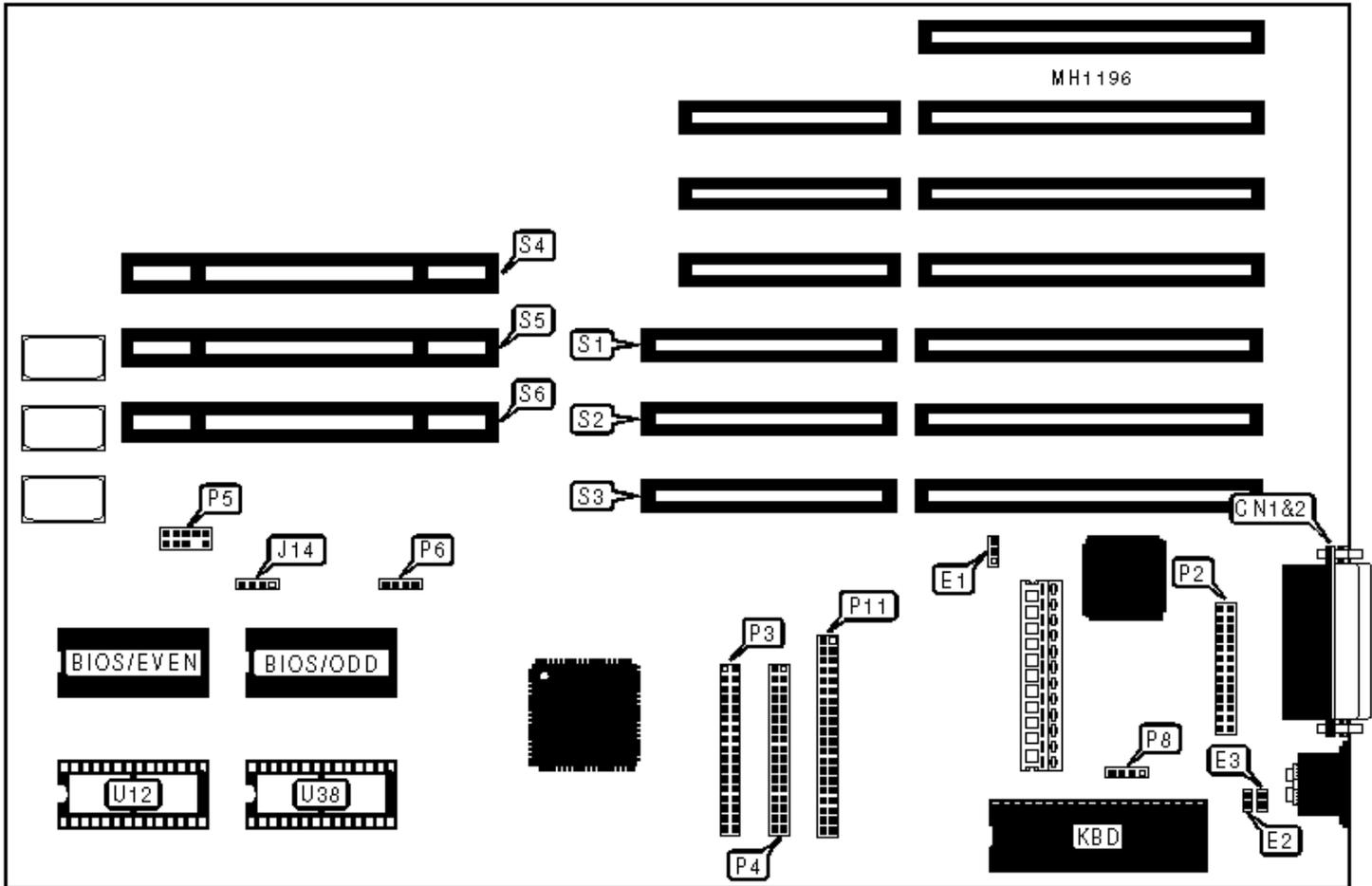


AST RESEARCH, INC.

CUPID Desktop ISA 386SX/16 (VER. 2)

Configuration

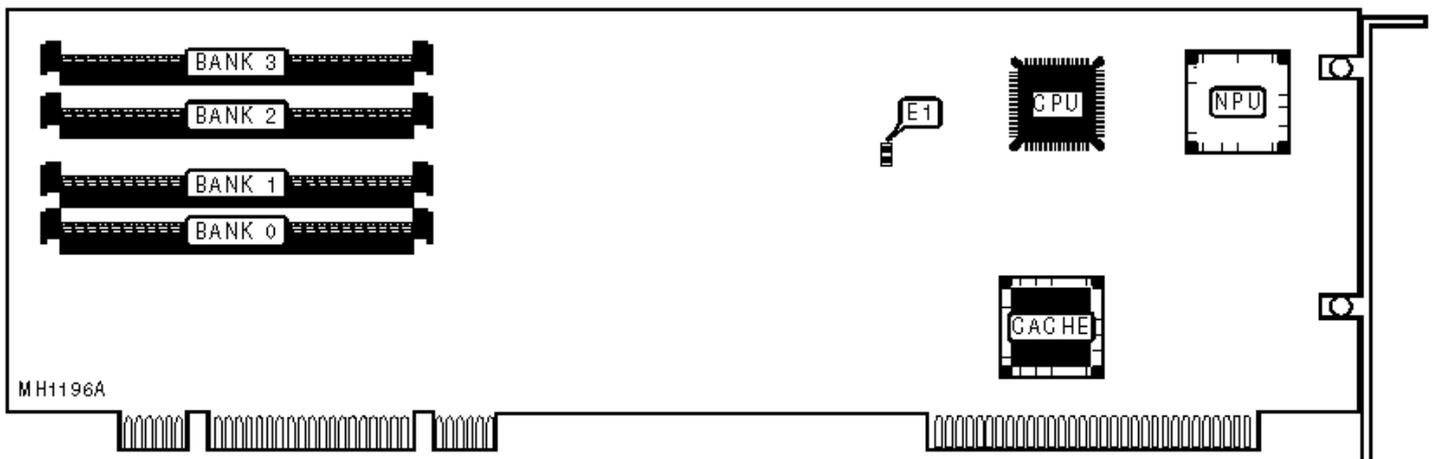


CONNECTIONS

Purpose	Location	Purpose	Location
Serial port 1 (COM1)	CN1	External battery	P8
Parallel port	CN2	IDE interface	P11
IDE interface LED	J14	SMART expansion/16-bit ISA	S1, S2 & S3
Serial port 2 (COM2)	P2	32-bit external CPU/Memory module	S4
Floppy drive interface (A: and B:)	P3	32-bit external Memory module slot	S5
Third floppy drive interface	P4	32-bit external Memory module slot	S6
Front panel switches & LEDs	P5	Optional ROM (even)	U12
Speaker	P6	Optional ROM (odd)	U38

USER CONFIGURABLE SETTINGS

Function	Jumper	Position
» Password check enabled	E1	pins 2 & 3 closed
Password check disabled	E1	pins 1 & 2 closed
» POST select normal operation	E2	open
POST select continuous loop	E2	closed
» Keyboard select installed	E3	open
Keyboard select not installed	E3	closed



USER CONFIGURABLE SETTINGS

Function	Jumper	Position
» Parity check enabled	E1	closed
Parity check disabled	E1	open

Note:AST CPU/Memory module part number is 202380-001.

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 1M x 9	NONE	NONE	NONE
2MB	(1) 1M x 9	(1) 1M x 9	NONE	NONE
3MB	(1) 1M x 9	(1) 1M x 9	(1) 1M x 9	NONE
4MB	(1) 1M x 9			
4MB	(1) 4M x 9	NONE	NONE	NONE
5MB	(1) 1M x 9	(1) 4M x 9	NONE	NONE
6MB	(1) 1M x 9	(1) 1M x 9	(1) 4M x 9	NONE
7MB	(1) 1M x 9	(1) 1M x 9	(1) 1M x 9	(1) 4M x 9
8MB	(1) 4M x 9	(1) 4M x 9	NONE	NONE
9MB	(1) 1M x 9	(1) 4M x 9	(1) 4M x 9	NONE
10MB	(1) 1M x 9	(1) 1M x 9	(1) 4M x 9	(1) 4M x 9
12MB	(1) 4M x 9	(1) 4M x 9	(1) 4M x 9	NONE
13MB	(1) 1M x 9	(1) 4M x 9	(1) 4M x 9	(1) 4M x 9
16MB	(1) 4M x 9			

le. 128KB of DRAM is reserved for System and VGA BIOS shadowing and cannot be disabled. Up to two of the following memory boards may be installed in addition to the CPU/Memory module: AST part numbers 202275-00