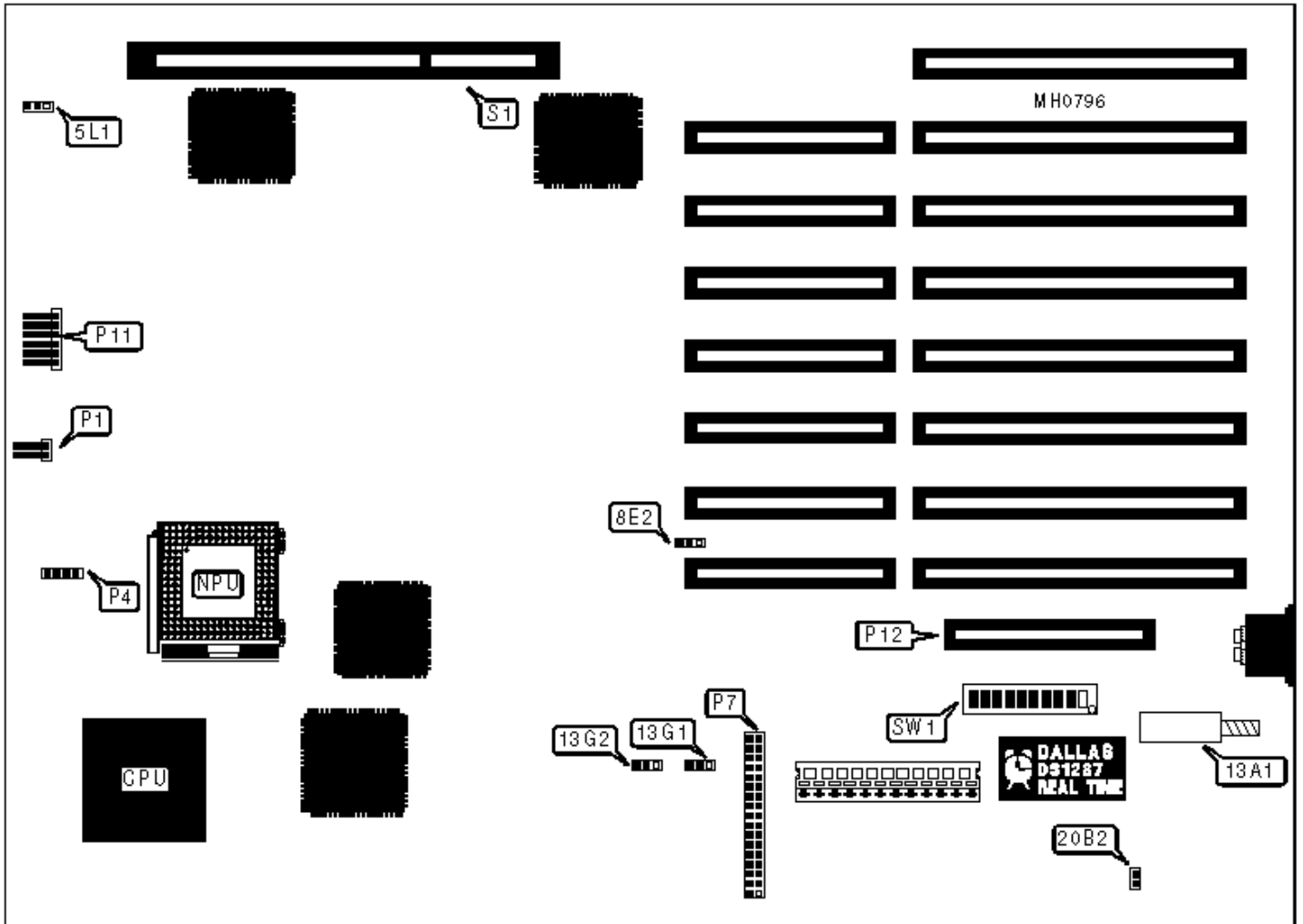


NEC TECHNOLOGIES, INC.

POWERMATE

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Speaker	P1	Serial port 2	P10
Power LED & Keylock	P4	Turbo LED	P11
Parallel port	P5	Proprietary serial/parallel card	P12
Serial port 1	P6	Proprietary system memory card	S1
Floppy drive interface	P7		

Note: Serial ports P6 & P10 and parallel port P5 are located on the proprietary serial/parallel card. Diagrams for the proprietary serial/parallel card are unavailable.

USER CONFIGURABLE SETTINGS

Function	Jumper/Switch	Position
» NPU type select 3167	5L1/13G2 SW1/switch 7	pins 2 & 3 closed open
NPU type select 80387	5L1/13G2 SW1/switch 7	pins 1 & 2 closed closed
» Pipeline mode disabled	8E2/13G1	pins 2 & 3 closed
Pipeline mode enabled	8E2/13G1	pins 1 & 2 closed
» Test mode disabled	13A1	Open
Test mode enabled	13A1	Closed
» Keyboard controller test mode disabled	20B2	Open
Keyboard controller test mode enabled	20B2	Closed
» Monitor type select color	SW1/1	On
Monitor type select monochrome	SW1/1	Off
» Floppy drive interface address select primary	SW1/2	Off
Floppy drive interface address select secondary	SW1/2	On
» Floppy drive interface enabled	SW1/3	On
Floppy drive interface disabled	SW1/3	Off
» Serial port 2 select COM2	SW1/4	On

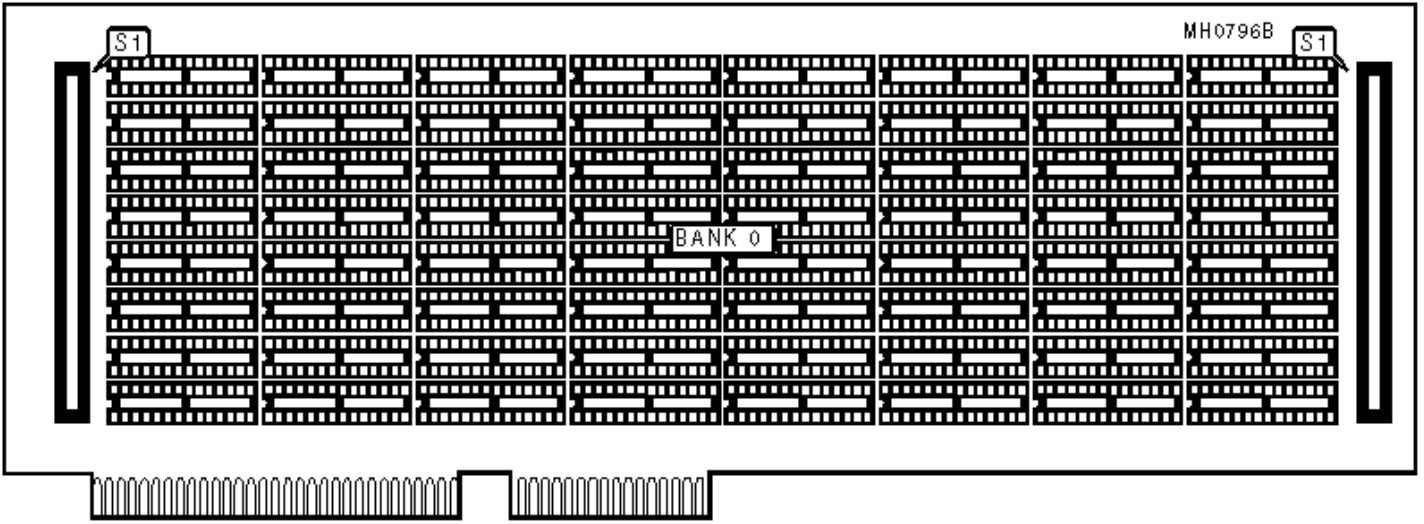
	Serial port 2 disabled	SW1/4	Off
»	Serial port 1 select COM1	SW1/5	On
	Serial port 1 disabled	SW1/5	Off
»	System enabled	SW1/6	On
	System disabled	SW1/6	Off
»	Factory configured - do not alter	SW1/8	Off
»	Factory configured - do not alter	SW1/9	Off
»	Factory configured - do not alter	SW1/10	Off

proprietary serial/parallel card. Depending on the revision number of the mainboard, the board will have either jumpers 5L1 and 8E2 or 13G1 and 13G2, but not both sets.

NPU TYPE CONFIGURATION			
Type	5L1	13G2	SW1/7
3167	pins 2 & 3 closed	pins 2 & 3 closed	Off
80387	pins 1 & 2 closed	pins 1 & 2 closed	On

CONNECTIONS	
Purpose	Location
Proprietary external memory card	S1

DRAM CONFIGURATION		
Size	Bank 0	P-0
2MB	(16) 44256	(8) 41256
Note: The locations of Bank 0 and P-0 are unidentified.		



CONNECTIONS

Purpose	Location
Proprietary external memory card	S1

DRAM CONFIGURATION

Size	Bank 0
8MB	(72) 44256