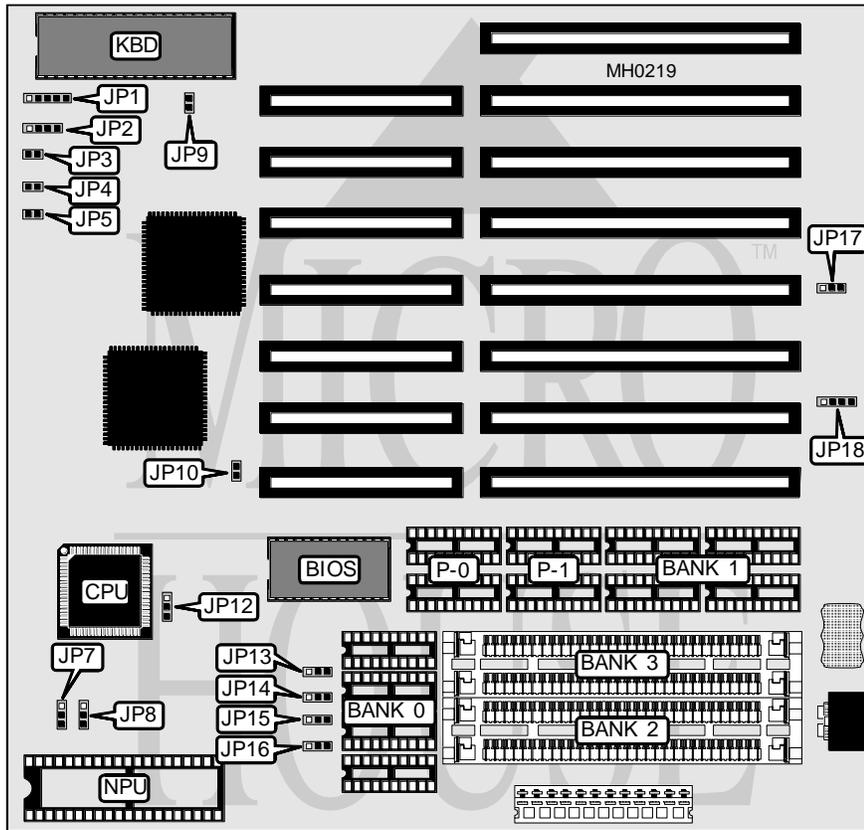


# AMERICAN DIGICOM CORPORATION

## 286E

<b>Processor</b>	80286
<b>Processor Speed</b>	12/16/20MHz
<b>Chip Set</b>	Suntac
<b>Max. Onboard DRAM</b>	5MB
<b>Cache</b>	None
<b>BIOS</b>	AMI
<b>Dimensions</b>	230mm x 220mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JP1	Turbo LED	JP4
Speaker	JP2	Turbo switch	JP5
Reset switch	JP3	External battery	JP18

Continued on next page . . .

# AMERICAN DIGICOM CORPORATION

## 286E

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
NPU speed select CPU CLK/1	JP7 & JP8	pins 1 & 2 closed
NPU speed select CPU CLK/3	JP7 & JP8	pins 2 & 3 closed
í Monitor type select color	JP9	Closed
Monitor type select monochrome	JP9	Open
í Parity check enabled	JP10	Closed
Parity check disabled	JP10	Open
í CPU speed select 16/20MHz	JP12	pins 1 & 2 closed
CPU speed select 12MHz	JP12	pins 2 & 3 closed
í CMOS memory normal operation	JP17	pins 1 & 2 closed
CMOS memory clear	JP17	pins 2 & 3 closed

DRAM CONFIGURATION						
Size	Bank 0	Parity (P-0)	Bank 1	Parity (P-1)	Bank 2	Bank 3
512KB	(4) 44256	(2) 41256	NONE	NONE	NONE	NONE
512KB	NONE	NONE	NONE	NONE	(2) 256K x 9	NONE
1MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	NONE	NONE
1MB	NONE	NONE	NONE	NONE	(2) 256K x 9	(2) 256K x 9
2MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 256K x 9	(2) 256K x 9
2MB	NONE	NONE	NONE	NONE	(2) 1M x 9	NONE
3MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 1M x 9	NONE
4MB	NONE	NONE	NONE	NONE	(2) 1M x 9	(2) 1M x 9
5MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 1M x 9	(2) 1M x 9

Note: Banks 2 & 3 are considered Banks 0 & 1, respectively, when filled without using DIP.  
However, they will be referred to throughout the text as Banks 2 & 3 to avoid confusion.

DRAM JUMPER CONFIGURATION				
Size	JP13	JP14	JP15	JP16
512KB	pins 2 & 3 closed			
512KB	pins 1 & 2 closed			
1MB	pins 2 & 3 closed			
1MB	pins 1 & 2 closed			
2MB	pins 2 & 3 closed			
2MB	pins 1 & 2 closed			
3MB	pins 2 & 3 closed			
4MB	pins 1 & 2 closed			
5MB	pins 2 & 3 closed			

NPU SPEED CONFIGURATION		
Speed	JP7	JP8
CLK/1	pins 1 & 2 closed	pins 1 & 2 closed
CLK/3	pins 2 & 3 closed	pins 2 & 3 closed