JP5
JP1
JP2
JP13

JP3

J20, JP9, JP8, JP7, JP6

JP14

JP21

W1

DSP1

JP10

EMS Option

The EMS on-board driver must be installed into the system before the EMS option can be used. Please see the Utility diskette addendum sheet for EMS driver installation. Also for the EMS option, remove the jumper jacket from JP14, and set switches 4, 6, 7 and 8 on DSP1 accordingly.

Math Coprocessor Specifications

Jumper W1 controls the coprocessor clock. When W1 pins 1 & 2 are CLOSED, the clock operates at 12/16MHz (this requires a 80287-10 or 80C287-12). The optional math coprocessor clock is selected when pins 2 & 3 are CLOSED.

Please Note

Text in bold denotes factory setting.

Jumpers

JP1	Keyboard controller	1 & 2 CLOSED: Phoenix	2 & 3 CLOSED: Award
JP2	Operating speed	1 & 2 OPEN: 12.5Mhz	1 & 2 CLOSED: 16 Mhz
JP3	Operating speed	1 & 2 CLOSED: 16Mhz	2 & 3 CLOSED: 12.5 Mhz
JP5	System wait state	1 & 2 OPEN: 0.5 wait state	1 & 2 CLOSED: 0.5 wiat state
JP9	System clock speed	1 & 2 CLOSED: Keyboard control	2 & 3 CLOSED: DSP1-1 control
JP14	Expanded/Extended mem.	1 & 2 OPEN: EMS enabled	1 & 2 CLOSED: Extended mem. enabled
W1	Coprocessor clock	1 & 2 CLOSED: 12/16 Mhz system	2 & 3 CLOSED: optional clock setting
JP6	Reset pushbutton	JP7 Turbo switch	JP8 Turbo LED
JP21	Battery connector	J20 Keybd. switch/LED	J22 Keyboard connector

16 MHz 80286 System Board (MB28616)

Specifications   Factory set at 0.5 wait state

Memory Specifications, DSP1

Swtich	6	7	8	Chip Type	Banks	
512KB	ON	ON	ON	256Kx1	0	
640KB	ON	ON	OFF	256Kx1	0	1
640KB + 384KB	ON	OFF	ON	256Kx1	0	1
640KB + 384KB EMS	ON	OFF	OFF	256Kx1	0	1
640KB + 1,408KB	OFF	ON	ON	1MBx1	0	
640KB + 1,408KB EMS	OFF	ON	OFF	1MBx1	0	
640KB + 3,456KB	OFF	OFF	ON	1MBx1	0	1
640KB + 3,456KB EMS	OFF	OFF	OFF	1MBx1	0	1

Switch Settings, DSP1

1. OFF High speed (see JP9)
2. OFF Mono Monitor
3. Reserved
4. EMS I/O control port address
   OFF 098H - 09FH
5. BIOS ROM type OFF 27256
6-8 Memory size
   (see Memory Table above)