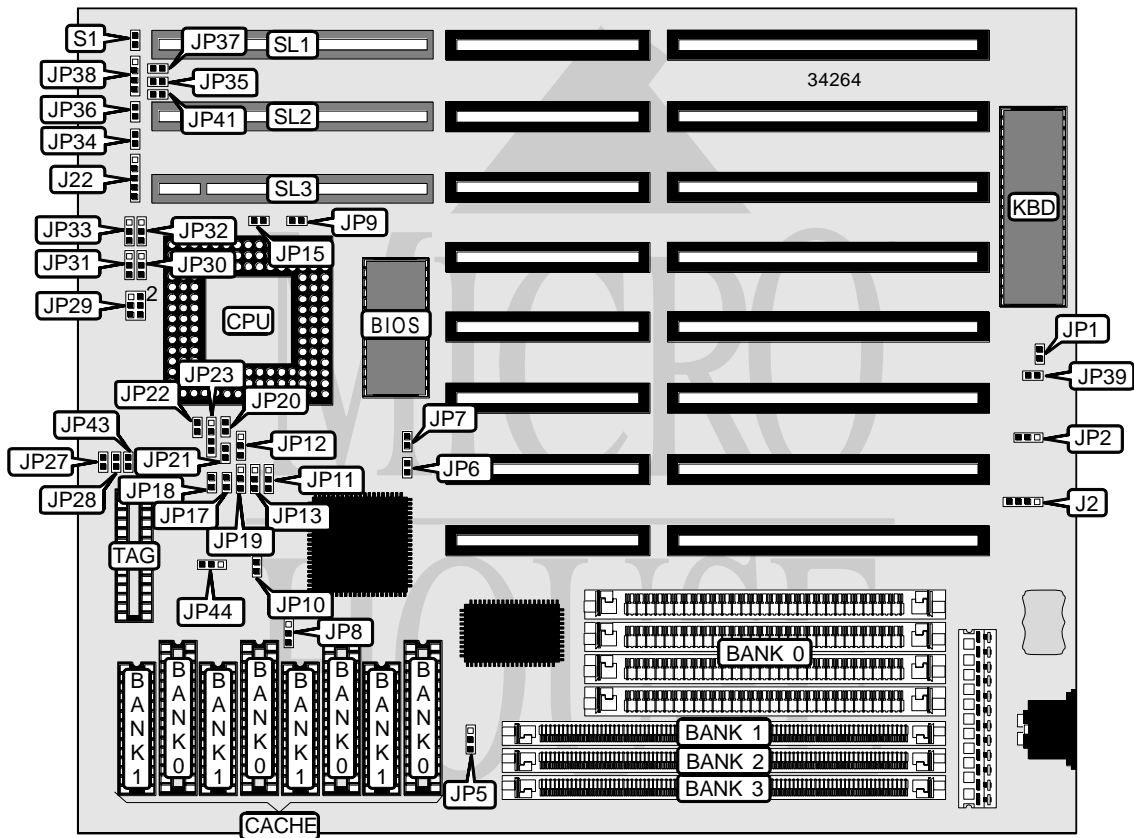


BEK-TRONIC TECHNOLOGY, INC.
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Processor	80486SX/SL80486SX/CX486DX/AM486DX/80486DX/SL80486DX/ CX486DX2/AM486DX2/SL80486DX2/80486DX2/CX486DX4/ CX486DX4/(SL)AM486DX4/SL80486DX4/P24D/P24T/CX5X86
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/ 100(internal)/120(internal)MHz
Chip Set	OPTI
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	64/128/256/512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Speaker	JP38
Power LED & keylock	J22	Green PC connector (monitor)	JP39
Green PC connector	JP6	Green PC LED	JP41
Turbo LED	JP34	Reset switch	S1
Turbo switch	JP36	32-bit VESA local bus slots	SL1 – SL3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í CMOS memory normal operation	JP2	Pins 2 & 3 closed
CMOS memory clear	JP2	Pins 1 & 2 closed
Battery type select external	JP2	Open
í Factory configured - do not alter	JP7	Closed
í Factory configured - do not alter	JP30	Unidentified
í Factory configured - do not alter	JP31	Pins 2 & 3 closed
LRDY wait state select 0 wait states	JP33	Pins 2 & 3 closed
LRDY wait state select 1 wait state	JP33	Pins 1 & 2 closed

DRAM CONFIGURATION 1				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	None	None	None
2MB	(4) 256K x 9	(1) 256K x 36	None	None
4MB	(4) 1M x 9	None	None	None
4MB	(4) 256K x 9	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(4) 256K x 9	(1) 1M x 36	None	None
6MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36	None
8MB	(4) 1M x 9	(1) 1M x 36	None	None
8MB	(4) 1M x 9	None	(1) 1M x 36	None
10MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	None	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	None	None	None
16MB	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(4) 256K x 9	(1) 4M x 36	None	None
20MB	(4) 1M x 9	(1) 4M x 36	None	None
20MB	(4) 1M x 9	None	(1) 4M x 36	None
32MB	(4) 4M x 9	(1) 4M x 36	None	None
64MB	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

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DRAM CONFIGURATION 2				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	None	(1) 256K x 36	None	None
4MB	None	(1) 1M x 36	None	None
8MB	None	(1) 1M x 36	(1) 1M x 36	None
12MB	None	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	None	(1) 4M x 36	None	None
20MB	None	(1) 1M x 36	(1) 4M x 36	None
32MB	None	(1) 4M x 36	(1) 4M x 36	None

DRAM JUMPER CONFIGURATION	
Configuration	JP5
1	Pins 2 & 3 closed
2	Pins 1 & 2 closed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K/32K x 8
256KB (B)	(2) 64K x 32	None	(1) 16K/32K x 8
512KB	(4) 128K x 8	None	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP8	JP27	JP28	JP43
64KB	Pins 2 & 3 closed	Open	Open	Open
128KB	Pins 1 & 2 closed	Closed	Open	Open
256KB (A)	Pins 2 & 3 closed	Closed	Closed	Open
256KB (B)	Pins 1 & 2 closed	Closed	Closed	Open
512KB	Pins 1 & 2 closed	Closed	Closed	Closed

CACHE TAG CONFIGURATION	
Size	JP44
(1) 8K x 8	Pins 1 & 2 closed
(1) 16K x 8	Pins 2 & 3 closed
(1) 32K x 8	Pins 1 & 2 closed

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CPU TYPE SELECTION				
Type	JP9	JP10	JP11	JP12
80486SX-25	Open	Closed	1 & 2	Open
80486SX-33	Open	Closed	1 & 2	Open
SL80486SX-25	Open	Closed	1 & 2	1 & 2
SL80486SX-33	Open	Closed	1 & 2	1 & 2
SL8046SX2-50	Open	Closed	1 & 2	1 & 2
CX486DX-33	Closed	Open	2 & 3	2 & 3
CX486DX-40	Closed	Open	2 & 3	2 & 3
AM486DX-33	Open	Open	1 & 2	Open
AM486DX-40	Open	Open	1 & 2	Open
80486DX-33	Open	Open	1 & 2	Open
SL80486DX-33	Open	Closed	1 & 2	1 & 2
CX486DX2-50	Closed	Open	2 & 3	2 & 3
CX486DX2-66	Closed	Open	2 & 3	2 & 3
AM486DX2-66NV8T	Open	Open	1 & 2	Open
AM486DX2-80NV8T	Open	Open	1 & 2	Open
AM486DX2-66NV8T	Open	Open	1 & 2	Open
SL80486DX2-50	Open	Closed	1 & 2	1 & 2
80486DX2-66	Open	Closed	1 & 2	Open
SL80486DX2-66	Open	Closed	1 & 2	1 & 2
CX486DX2-80	Closed	Open	2 & 3	2 & 3
CX486DX4-100	Closed	Open	2 & 3	2 & 3
(SL)AM486DX4-100	Open	Closed	1 & 2	1 & 2
(SL)AM486DX4-120	Open	Closed	1 & 2	1 & 2
SL80486DX4-75	Open	Closed	1 & 2	1 & 2
SL80486DX4-100	Open	Closed	1 & 2	1 & 2
P24D	Open	Closed	2 & 3	1 & 2
P24T	Open	Closed	2 & 3	1 & 2
CX5X86-100	Open	Closed	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)				
Type	JP13	JP15	JP17	JP18
80486SX-25	Open	Open	Open	Open
80486SX-33	Open	Open	Closed	Closed
SL80486SX-25	Open	Open	Open	Open
SL80486SX-33	Open	Open	Closed	Closed
SL8046SX2-50	Open	Open	Open	Open
CX486DX-33	1 & 2	Open	Closed	Closed
CX486DX-40	1 & 2	Open	Closed	Open
AM486DX-33	1 & 2	Open	Closed	Closed
AM486DX-40	1 & 2	Open	Closed	Open
80486DX-33	1 & 2	Open	Closed	Closed
SL80486DX-33	1 & 2	Open	Closed	Closed
CX486DX2-50	1 & 2	Open	Open	Open
CX486DX2-66	1 & 2	Open	Closed	Closed
AM486DX2-66NV8T	1 & 2	Open	Closed	Closed
AM486DX2-80NV8T	1 & 2	Open	Closed	Open
AM486DX2-66NV8T	1 & 2	Open	Closed	Closed
SL80486DX2-50	1 & 2	Open	Open	Open
80486DX2-66	1 & 2	Open	Closed	Closed
SL80486DX2-66	1 & 2	Open	Closed	Closed
CX486DX2-80	1 & 2	Open	Closed	Open
CX486DX4-100	1 & 2	Open	Closed	Closed
(SL)AM486DX4-100	1 & 2	Open	Closed	Closed
(SL)AM486DX4-120	1 & 2	Open	Closed	Open
SL80486DX4-75	1 & 2	Open	Open	Open
SL80486DX4-100	1 & 2	Open	Closed	Closed
P24D	1 & 2	Closed	Closed	Closed
P24T	1 & 2	Open	Closed	Closed
CX5X86-100	1 & 2	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)				
Type	JP19	JP20	JP21	JP22
80486SX-25	Open	Open	Open	Open
80486SX-33	Open	Open	Open	Open
SL80486SX-25	Open	Closed	Closed	Open
SL80486SX-33	Open	Closed	Closed	Open
SL8046SX2-50	Open	Closed	Closed	Open
CX486DX-33	Open	Open	Open	Open
CX486DX-40	Open	Open	Open	Open
AM486DX-33	Open	Open	Open	Open
AM486DX-40	Open	Open	Open	Open
80486DX-33	Open	Open	Open	Open
SL80486DX-33	Open	Closed	Closed	Open
CX486DX2-50	Open	Open	Open	Closed
CX486DX2-66	Open	Open	Open	Closed
AM486DX2-66NV8T	2 & 3	Open	Open	Open
AM486DX2-80NV8T	2 & 3	Open	Open	Open
AM486DX2-66NV8T	Open	Open	Open	Open
SL80486DX2-50	Open	Closed	Closed	Open
80486DX2-66	Open	Open	Open	Open
SL80486DX2-66	Open	Closed	Closed	Open
CX486DX2-80	Open	Open	Open	Closed
CX486DX4-100	Open	Open	Open	Closed
(SL)AM486DX4-100	Open	Closed	Closed	Open
(SL)AM486DX4-120	Open	Closed	Closed	Open
SL80486DX4-75	Open	Closed	Closed	Open
SL80486DX4-100	Open	Closed	Closed	Open
P24D	1 & 2	Closed	Closed	Open
P24T	Open	Closed	Closed	Open
CX5X86-100	1 & 2	Closed	Closed	Open

Note: Pins designated should be in the closed position.

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CPU TYPE SELECTION (CON'T)			
Type	JP23	JP29	JP32
80486SX-25	2 & 3	1 & 3, 2 & 4	Open
80486SX-33	2 & 3	1 & 3, 2 & 4	Open
SL80486SX-25	2 & 3	1 & 3, 2 & 4	Open
SL80486SX-33	2 & 3	1 & 3, 2 & 4	Open
SL8046SX2-50	2 & 3	1 & 3, 2 & 4	Open
CX486DX-33	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
CX486DX-40	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
AM486DX-33	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
AM486DX-40	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
80486DX-33	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
SL80486DX-33	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
CX486DX2-50	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
CX486DX2-66	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
AM486DX2-66NV8T	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
AM486DX2-80NV8T	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
AM486DX2-66NV8T	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
SL80486DX2-50	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
80486DX2-66	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
SL80486DX2-66	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
CX486DX2-80	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
CX486DX4-100	1 & 2, 3 & 4	1 & 3, 2 & 4	Open
(SL)AM486DX4-100	1 & 2, 3 & 4	3 & 5, 4 & 6	Open
(SL)AM486DX4-120	1 & 2, 3 & 4	3 & 5, 4 & 6	Open
SL80486DX4-75	1 & 2, 3 & 4	3 & 5, 4 & 6	Open
SL80486DX4-100	1 & 2, 3 & 4	3 & 5, 4 & 6	Open
P24D	Open	1 & 3, 2 & 4	Open
P24T	1 & 2, 3 & 4	1 & 3, 2 & 4	2 & 3
CX5X86-100	1 & 2, 3 & 4	3 & 5, 4 & 6	Open

Note: Pins designated should be in the closed position.

VL BUS WAIT STATE SELECTION	
Setting	JP35
0	Open
1	Closed

VL BUS SPEED SELECTION	
Speed	JP37
<= 33MHz	Open
>33 MHz	Closed