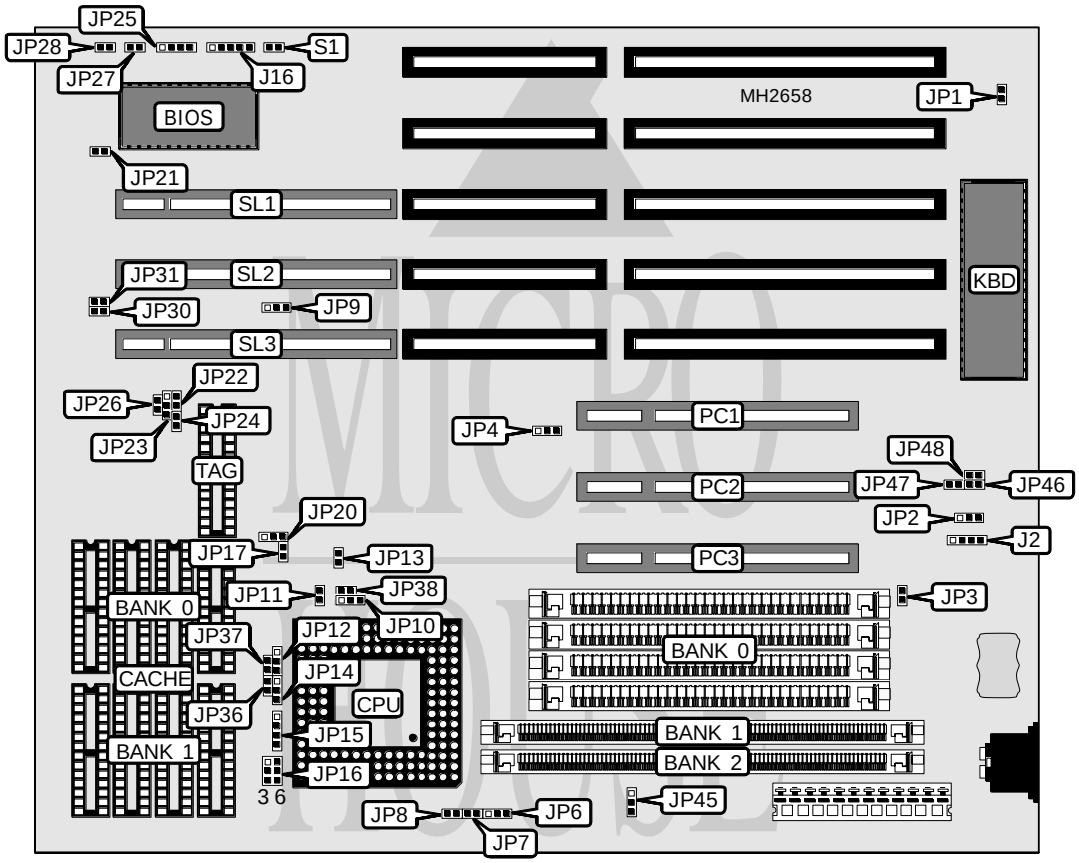
BEK-TRONIC TECHNOLOGY, INC.
B E K - P 4 0 2

Processor	CX486S/80486SX/CX486DX/SL80486DX/LSE80486DX/80486DX/SL80486DX2/80486DX2/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	64/128/256KB
BIOS	Award
Dimensions	255mm x 220mm
I/O Options	32-bit VESA local bus slots (3), 32-bit PCI slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Turbo LED	JP27
Power LED & keylock	J16	Turbo switch	JP28
Green PC connector (monitor)	JP3	Reset switch	S1
Speaker	JP25	32-bit PCI slots	PC1 - PC3
Green PC connector	JP26	32-bit VESA local bus slots	SL1 - SL3

Continued on next page. . .

BEK-TRONIC TECHNOLOGY, INC.
B E K - P 4 0 2

. . . continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	N/A
í CMOS memory normal operation	JP2	pins 2 & 3 closed
CMOS memory clear	JP2	pins 1 & 2 closed
í PCI clock type select synchronous	JP4	pins 2 & 3 closed
PCI clock type select asynchronous	JP4	pins 1 & 2 closed
í Factory configured - do not alter	JP9	pins 2 & 3 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(4) 256K x 9	NONE	NONE
1MB	NONE	(1) 256K x 36	NONE
2MB	(4) 256K x 9	(1) 256K x 36	NONE
2MB	(4) 256K x 9	NONE	(1) 256K x 36
2MB	NONE	(1) 256K x 36	(1) 256K x 36
4MB	(4) 1M x 9	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
5MB	(4) 256K x 9	(1) 1M x 36	NONE
5MB	(4) 256K x 9	NONE	(1) 1M x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	(4) 1M x 9	NONE	(1) 1M x 36
8MB	NONE	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 4M x 36	NONE
17MB	(4) 256K x 9	(1) 4M x 36	NONE
17MB	(4) 256K x 9	NONE	(1) 4M x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	(4) 1M x 9	NONE	(1) 4M x 36
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	(4) 4M x 9	NONE	(1) 4M x 36
32MB	NONE	(1) 4M x 36	(1) 4M x 36
64MB	(4) 16M x 9	NONE	NONE
64MB	NONE	(1) 16M x 36	NONE
128MB	(4) 16M x 9	(1) 16M x 36	NONE
128MB	(4) 16M x 9	NONE	(1) 16M x 36

DRAM JUMPER CONFIGURATION	
Size	JP45
1MB	pins 1 & 2 closed
1MB	pins 1 & 2 closed
2MB	pins 2 & 3 closed
2MB	pins 1 & 2 closed
2MB	pins 1 & 2 closed
4MB	pins 1 & 2 closed
4MB	pins 1 & 2 closed

Continued on next page. . .

BEK-TRONIC TECHNOLOGY, INC.
B E K - P 4 0 2

. . . continued from previous page

DRAM JUMPER CONFIGURATION (CON'T)	
Size	JP45
5MB	pins 2 & 3 closed
5MB	pins 1 & 2 closed
8MB	pins 2 & 3 closed
8MB	pins 1 & 2 closed
8MB	pins 1 & 2 closed
16MB	pins 1 & 2 closed
16MB	pins 1 & 2 closed
17MB	pins 2 & 3 closed
17MB	pins 1 & 2 closed
20MB	pins 2 & 3 closed
20MB	pins 1 & 2 closed
32MB	pins 2 & 3 closed
32MB	pins 1 & 2 closed
32MB	pins 1 & 2 closed
64MB	pins 1 & 2 closed
64MB	pins 1 & 2 closed
128MB	pins 2 & 3 closed
128MB	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	(4) 32K x 8	(4) 32K x 8	(1) 16K x 8 or (1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP20	JP22	JP24
64KB	pins 2 & 3 closed	Open	Open
128KB	pins 1 & 2 closed	Closed	Open
256KB	pins 2 & 3 closed	Closed	Closed

CACHE TAG JUMPER CONFIGURATION	
Size	JP23
8K x 8	pins 1 & 2 closed
16K x 8	pins 2 & 3 closed
32K x 8	pins 1 & 2 closed

Continued on next page. . .

BEK-TRONIC TECHNOLOGY, INC.
B E K - P 4 0 2

. . . continued from previous page

CPU TYPE CONFIGURATION					
Type	JP6	JP7	JP8	JP10	JP11
CX486S	Open	Open	Open	1 & 2	Open
8048SX	Open	Open	Open	Open	Open
CX486DX	1 & 2	1 & 2	Open	Open	Open
SL80486DX	Open	1 & 2	Open	Open	Open
LSE80486DX	Open	Open	Open	Open	Open
80486DX	Open	1 & 2	Open	Open	Open
SL80486DX2	Open	1 & 2	Open	Open	Open
80486DX2	Open	1 & 2	Open	Open	Open
80486DX4	Open	1 & 2	Open	Open	Open
P24D	Open	1 & 2	Closed	Open	Closed
P24T	Open	1 & 2	Open	2 & 3	Open
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION (CON'T)					
Type	JP12	JP13	JP14	JP15	JP16
CX486S	Open	Open	1 & 2	2 & 3	1 & 2, 4 & 5
8048SX	Open	Open	1 & 2	2 & 3	1 & 2, 4 & 5
CX486DX	Open	Open	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
SL80486DX	Open	Closed	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
LSE80486DX	Open	Closed	1 & 2	2 & 3	1 & 2, 4 & 5
80486DX	Open	Open	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
SL80486DX2	Open	Closed	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
80486DX2	Open	Open	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
80486DX4	Open	Closed	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
P24D	Open	Closed	1 & 2	1 & 2, 3 & 4	1 & 2, 4 & 5
P24T	Open	Closed	2 & 3	1 & 2, 3 & 4	1 & 2, 4 & 5
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION (CON'T)					
Type	JP17	JP21	JP36	JP37	JP38
CX486S	Open	Open	Open	Closed	Open
8048SX	Open	Open	Open	Open	Open
CX486DX	Open	Open	Open	Closed	Open
SL80486DX	Closed	Closed	Closed	Open	Open
LSE80486DX	Closed	Closed	Closed	Open	Open
80486DX	Open	Open	Open	Open	Open
SL80486DX2	Closed	Closed	Closed	Open	Open
80486DX2	Open	Open	Open	Open	Open
80486DX4	Closed	Closed	Closed	Open	Open
P24D	Closed	Closed	Closed	Open	Open
P24T	Closed	Closed	Closed	Open	Open

Continued on next page. . .

BEK-TRONIC TECHNOLOGY, INC.
B E K - P 4 0 2

. . . continued from previous page

CPU SPEED CONFIGURATION		
Speed	JP30	JP31
25MHz	Open	Open
33MHz	Closed	Closed
40MHz	Open	Closed
50iMHz	Open	Open
50MHz	Closed	Open
66iMHz	Closed	Closed
75iMHz	Open	Open
100iMHz	Closed	Closed

PCI SPEED CONFIGURATION			
Speed	JP46	JP47	JP48
25MHz	Closed	Open	Open
33MHz	Closed	Closed	Closed