CLUB AMERICAN TECHNOLOGIES, INC.
FALCON 450 EISA SERIES (REV. B)

Processor	80486SX/80487SX/80486DX/80486DX2
Processor Speed	20/25/33/50(internal)/50/66(internal)MHz
Chip Set	VLSI
Max. Onboard DRAM	256MB
SRAM Cache	64/256KB
BIOS	AMI
Dimensions	330.2mm x 218.4mm
I/O Options	32-bit external CPU/NPU card slot, 32-bit external video card slot
NPU Options	4167 (on external CPU/NPU card)
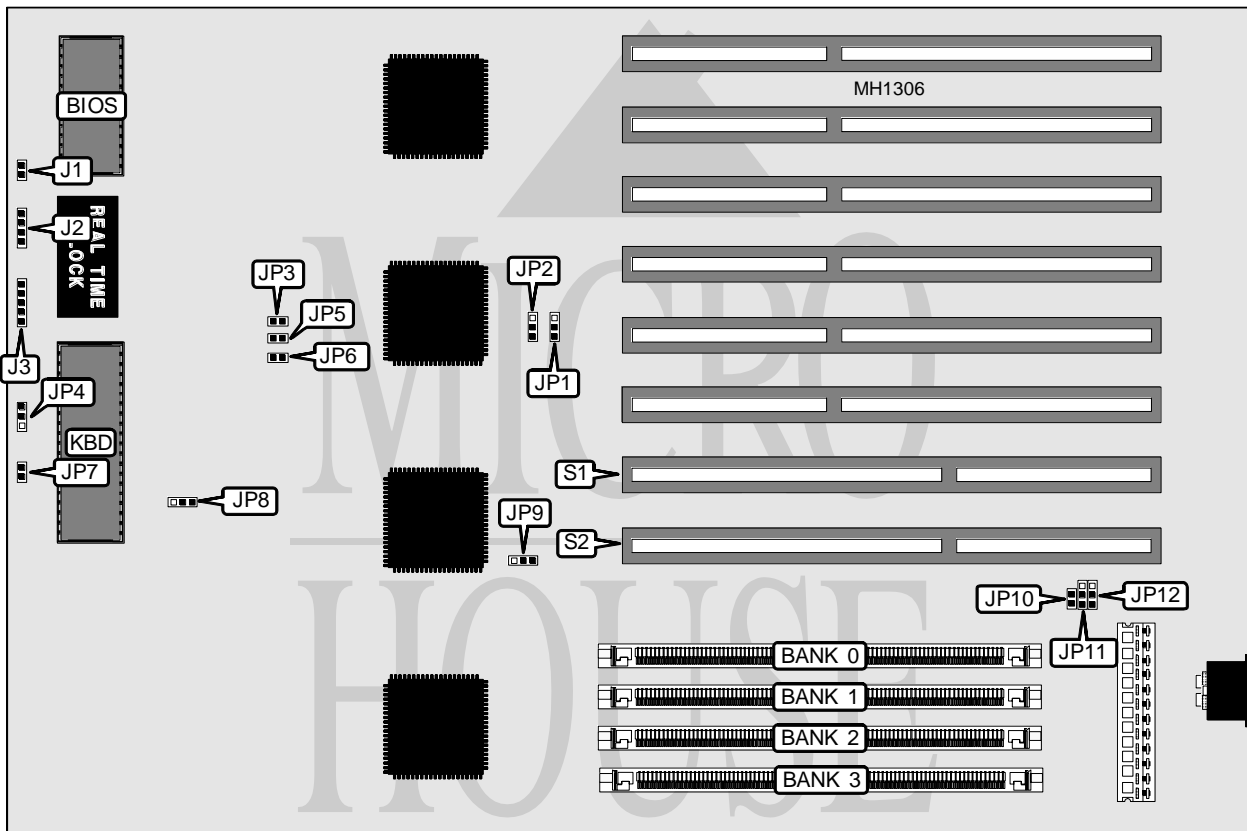
CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1	32-bit external video card	S1
Speaker	J2	32-bit NPU/CPU card	S2
Power LED & keylock	J3		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP1	pins 2 & 3 closed
í Factory configured - do not alter	JP2	pins 2 & 3 closed
í Factory configured - do not alter	JP3	open
í Factory configured - do not alter	JP5	closed
í Factory configured - do not alter	JP6	closed
í Monitor type select color	JP7	closed
Monitor type select monochrome	JP7	open
í Video adapter select normal	JP9	pins 1 & 2 closed
Video adapter select local bus	JP9	pins 2 & 3 closed
í Factory configured - do not alter	JP11	pins 2 & 3 closed
í Factory configured - do not alter	JP12	pins 2 & 3 closed

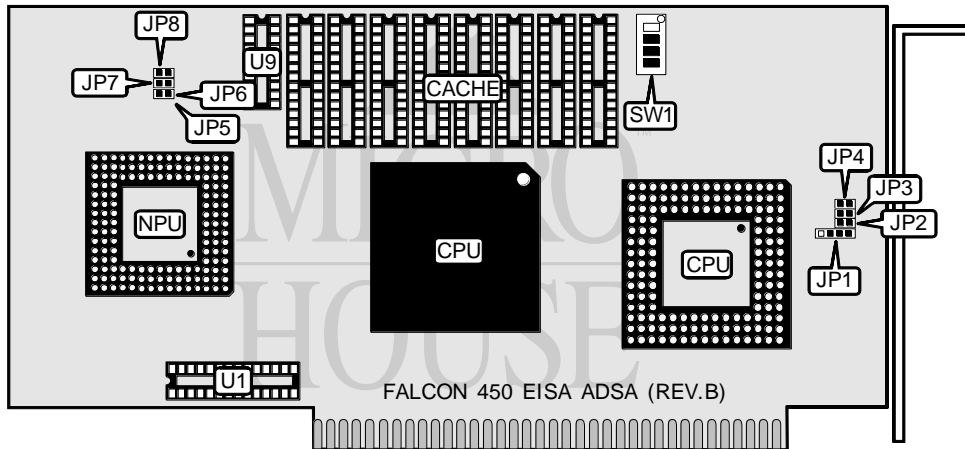| CPU JUMPER CONFIGURATION (MAIN BOARD)			
CPU	JP4	JP8	JP10
80486DX2-66	pins 1 & 2 closed	pins 1 & 2 closed	closed
80486DX2-50	pins 1 & 2 closed	pins 2 & 3 closed	closed
ODP487SX-50	pins 1 & 2 closed	pins 2 & 3 closed	closed
80486DX-50	pins 1 & 2 closed	pins 2 & 3 closed	closed
80486DX-33	pins 1 & 2 closed	pins 2 & 3 closed	closed
80486SX-25	pins 1 & 2 closed	pins 2 & 3 closed	closed
80486SX-20	pins 2 & 3 closed	pins 2 & 3 closed	open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	NONE
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

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FALCON 450 EISA ADSA (REV.B)

CPU JUMPER CONFIGURATION				
CPU	JP1	JP2	JP3	JP4
80486DX2-66[1]	pins 1 & 2 and 3 & 4 closed	closed	closed	closed
ODP487SX-50[1]	pins 2 & 3 closed	open	closed	closed
80486DX-50	pins 1 & 2 and 3 & 4 closed	closed	open	open
80486DX-33	pins 1 & 2 and 3 & 4 closed	closed	closed	closed
80486SX-25	pins 2 & 3 closed	open	closed	closed
80486SX-20	pins 2 & 3 closed	open	closed	closed
Note[1]: Speeds indicated are the internal speeds of the CPU.				

CPU SWITCH CONFIGURATION				
CPU	SW1/switch 1	SW1/switch 2	SW1/switch 3	SW1/switch 4
80487SX	closed	open	closed	open
ODP487SX	closed	open	closed	open
80486DX2	open	closed	open	closed

SRAM JUMPER CONFIGURATION				
Size	JP5	JP6	JP7	JP8
64KB	open	open	open	open
256KB	closed	closed	closed	closed

SRAM CONFIGURATION			
Size	Cache SRAM	TAG (U1)	TAG (U9)
64KB	(8) 8K x 8	(1) 16K x 1	(1) 8K x 9
256KB	(8) 32K x 8	(1) 64K x 1	(1) 32K x 9