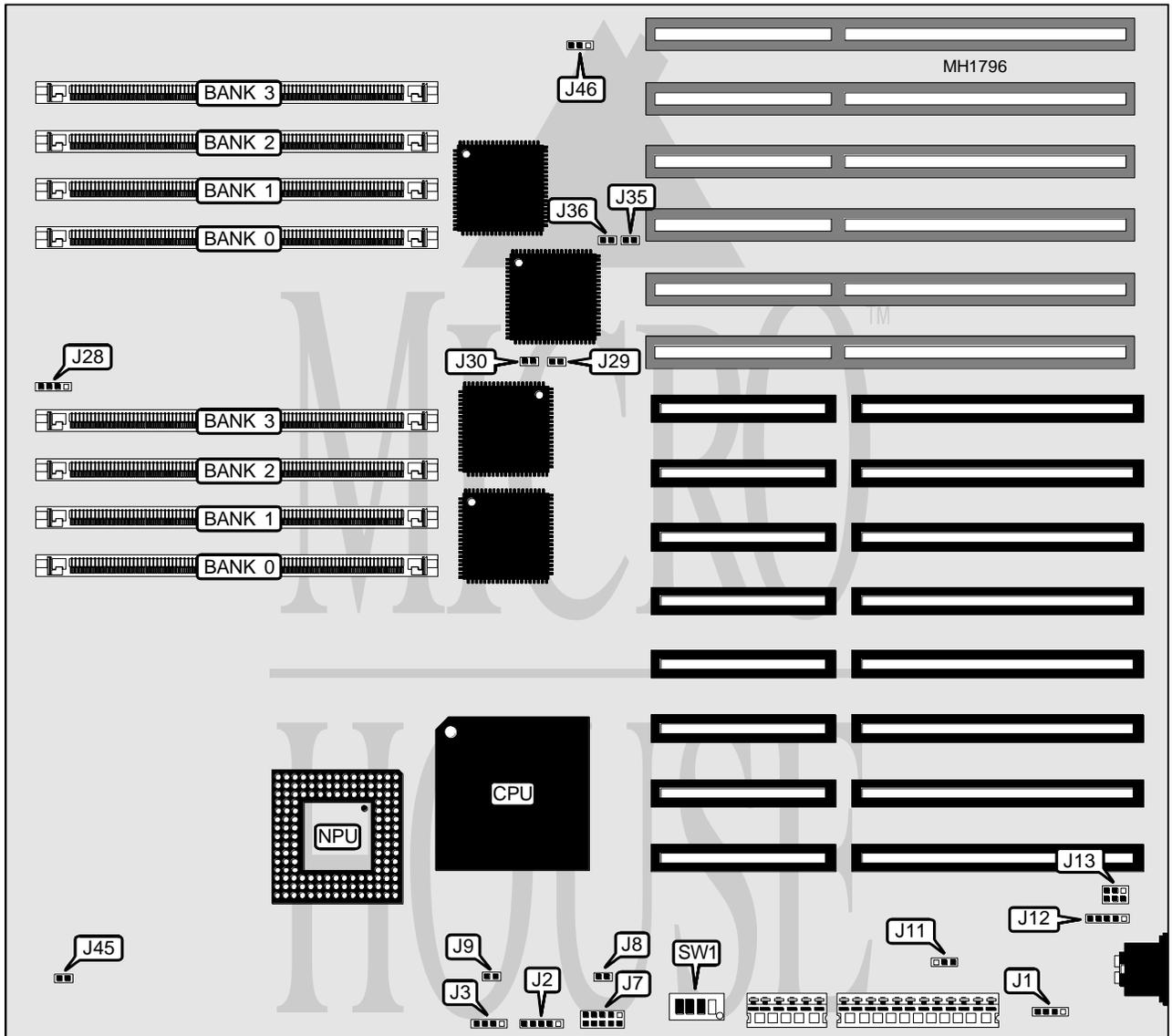


# MONOLITHIC SYSTEMS, INC. (COLORADO MSI) MICROFRAME 486EX

<b>Processor</b>	80486DX
<b>Processor Speed</b>	25/33Mhz
<b>Chip Set</b>	C & T
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	None
<b>BIOS</b>	AMI
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	None
<b>NPU Options</b>	4167



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# MONOLITHIC SYSTEMS, INC. (COLORADO MSI)

## MICROFRAME 486EX

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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	CPU ready LED	J9
Power LED & keylock	J2	Auxiliary keyboard	J12
Disk access connector	J3	PS/2 mouse port	J13
Front panel/ribbon cable connector	J7	Speaker	J28
Reset switch	J8		

USER CONFIGURABLE SETTINGS			
Function	Jumper/Switch	Position	
í IRQ12 enabled for mouse	J11	pins 1 & 2 closed	
IRQ12 disabled	J11	pins 2 & 3 closed	
í CPU speed select 25MHz	J29	pins 1 & 2 closed	
CPU speed select 33MHz	J29	pins 2 & 3 closed	
í Wait state enabled	J30	Closed	
Wait state disabled	J30	Open	
í Factory configured - do not alter	J35	Open	
í Factory configured - do not alter	J36	Open	
í CMOS memory normal operation	J45	Open	
CMOS memory clear	J45	Closed	
í DMA active select high	J46	pins 1 & 2 closed	
DMA active select low	J46	pins 2 & 3 closed	
í Factory configured - do not alter	SW1/switch 1	Off	
í Factory configured - do not alter	SW1/switch 2	Off	
Factory configured - do not alter	SW1/switch 3	Off	
í Monitor type select color	SW1/switch 4	On	
Monitor type select monochrome	SW1/switch 4	Off	

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 4M x 36	NONE	NONE	NONE
16MB	(2) 4M x 36	(2) 4M x 36	NONE	NONE
16MB	NONE	(2) 8M x 36	NONE	NONE
24MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	NONE
24MB	NONE	(2) 4M x 36	(2) 8M x 36	NONE
32MB	(2) 4M x 36			
32MB	NONE	(2) 8M x 36	(2) 8M x 36	NONE
32MB	NONE	(2) 4M x 36	(2) 4M x 36	(2) 8M x 36
40MB	NONE	(2) 4M x 36	(2) 8M x 36	(2) 8M x 36
40MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 8M x 36
48MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 8M x 36
48MB	NONE	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
56MB	(2) 4M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
64MB	(2) 8M x 36			