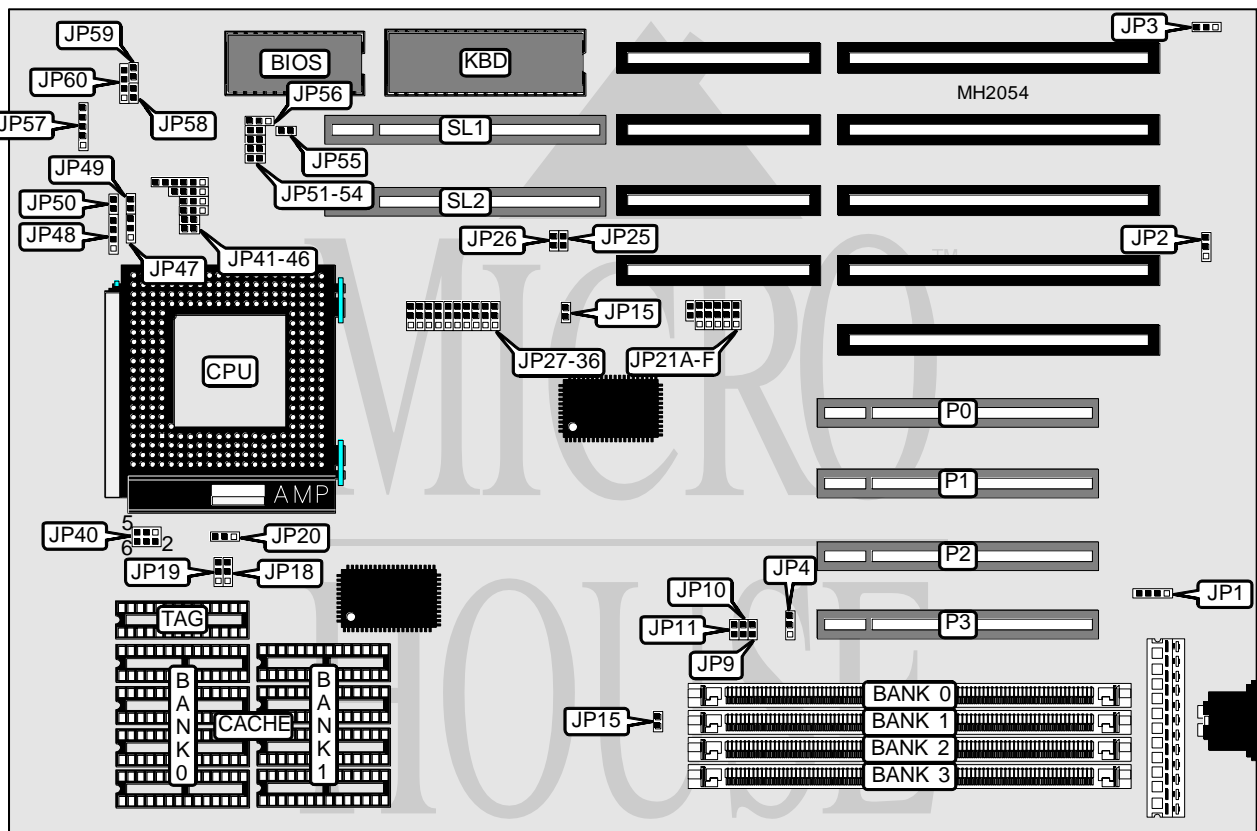


ADDTECH RESEARCH, INC. GALAXY II 486 VER. 1.0

Processor	CX486S2/80486SX/CX486DX/AMD486DX/80486DX/80486DX2/80486DX4/ Pentium Overdrive
Processor Speed	25/33/40/40/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Cypress
Max. Onboard DRAM	128MB
Cache	128/256/512/1024KB
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI bus slots (4), 32-bit VESA local bus slots (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP1	Reset switch	JP59
Turbo switch	JP49	Speaker	JP60
Turbo LED	JP50	32-bit PCI bus slots	P0 - P3
Power LED & keylock	JP57	32-bit VESA Local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP2	pins 1 & 2 closed
CMOS memory clear	JP2	pins 2 & 3 closed
í Flash memory disabled	JP3	Open
Flash memory voltage select 5v	JP3	pins 1 & 2 closed
Flash memory voltage select 12v	JP3	pins 2 & 3 closed
í SIMM type select single bank	JP4	pins 1 & 2 closed
SIMM type select double bank	JP4	pins 2 & 3 closed
í Factory configured - do not alter	JP9	N/A
í Factory configured - do not alter	JP10	Open
í CPU type select Intel/AMD	JP27	pins 1 & 2 closed
CPU type select Cyrix	JP27	pins 2 & 3 closed
í Factory configured - do not alter	JP32	pins 2 & 3 closed
í Factory configured - do not alter	JP34	N/A
í Factory configured - do not alter	JP35	pins 2 & 3 closed
í CPU clock delay select 1 delay	JP36	pins 2 & 3 closed
CPU clock delay select 0 delay	JP36	pins 1 & 2 closed
í Factory configured - do not alter	JP42	N/A
í Factory configured - do not alter	JP51	N/A
í Monitor type select color	JP55	Open
Monitor type select monochrome	JP55	Closed
í Factory configured - do not alter	JP58	N/A

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	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) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	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
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE

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DRAM CONFIGURATION (CON'T)				
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
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 16MB x 36	NONE	NONE	NONE
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16MB x 36	(1) 16MB x 36	NONE	NONE

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 128K x 8

CACHE JUMPER CONFIGURATION			
Size	JP18	JP19	JP20
128KB	Open	pins 2 & 3 closed	pins 1 & 2 closed
256KB	Open	pins 1 & 2 closed	pins 1 & 2 closed
256KB	Open	pins 2 & 3 closed	pins 1 & 2 closed
512KB	Open	pins 2 & 3 closed	pins 2 & 3 closed
512KB	pins 1 & 2 closed	Open	pins 2 & 3 closed
1MB	pins 2 & 3 closed	Open	pins 2 & 3 closed

CPU TYPE CONFIGURATION					
Type	JP26	JP40	JP41	JP43	JP44
80486SX	Open	1 & 3, 2 & 4	Open	Open	1 & 2
CX486S2	Open	1 & 3, 2 & 4	Closed	2 & 3	2 & 3
CX486DX	Open	1 & 3, 2 & 4	Open	Open	1 & 2
80486DX/DX2	Open	1 & 3, 2 & 4	Open	Open	1 & 2
80486DX4	Closed	3 & 5, 4 & 6	Open	Open	1 & 2
Pentium Overdrive	Open	1 & 3, 2 & 4	Open	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION					
Type	JP45	JP46	JP47	JP48	JP54
80486SX	Open	Open	Open	2 & 3	Open
CX486S2	3 & 4	4 & 5	Open	2 & 3	Closed
CX486DX	Open	Open	2 & 3	1 & 2, 3 & 4	Open
80486DX/DX2	Open	Open	2 & 3	1 & 2, 3 & 4	Open
80486DX4	Open	Open	2 & 3	1 & 2, 3 & 4	Open
Pentium Overdrive	1 & 2, 3 & 4	1 & 2	2 & 3	1 & 2, 3 & 4	Open

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION				
Speed	JP15	JP25	JP28	JP29
25MHz	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed
33MHz	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
40MHz	Open	Closed	pins 1 & 2 closed	pins 2 & 3 closed
50iMHz	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed
66iMHz	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
75iMHz	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed
100iMHz	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed

VESA BUS SPEED CONFIGURATION			
Speed	JP52	JP53	JP56
25MHz	Open	Open	pins 2 & 3 closed
33MHz	Open	Open	pins 2 & 3 closed
40MHz	Closed	Closed	pins 1 & 2 closed

PCI MODE CONFIGURATION				
Mode	JP11	JP30	JP31	JP33
Synchronous	Open	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Asynchronous	Closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

PCI IRQ CONFIGURATION					
PCI slot	JP21A(IRQ9)	JP21B (IRQ10)	JP21C (IRQ11)	JP21D (IRQ12)	JP21E (IRQ15)
P0 & P1	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
P2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position. Slots P0 & P1 are PCI compliant and slot P2 is non PCI compliant.

PCI IRQ CONFIGURATION	
PCI slot	JP21F (IRQ14)
P3 (PCI compliant)	Closed
P3 (non PCI compliant)	Open

Note: This setting is used only for cards that require the use of IRQ14.