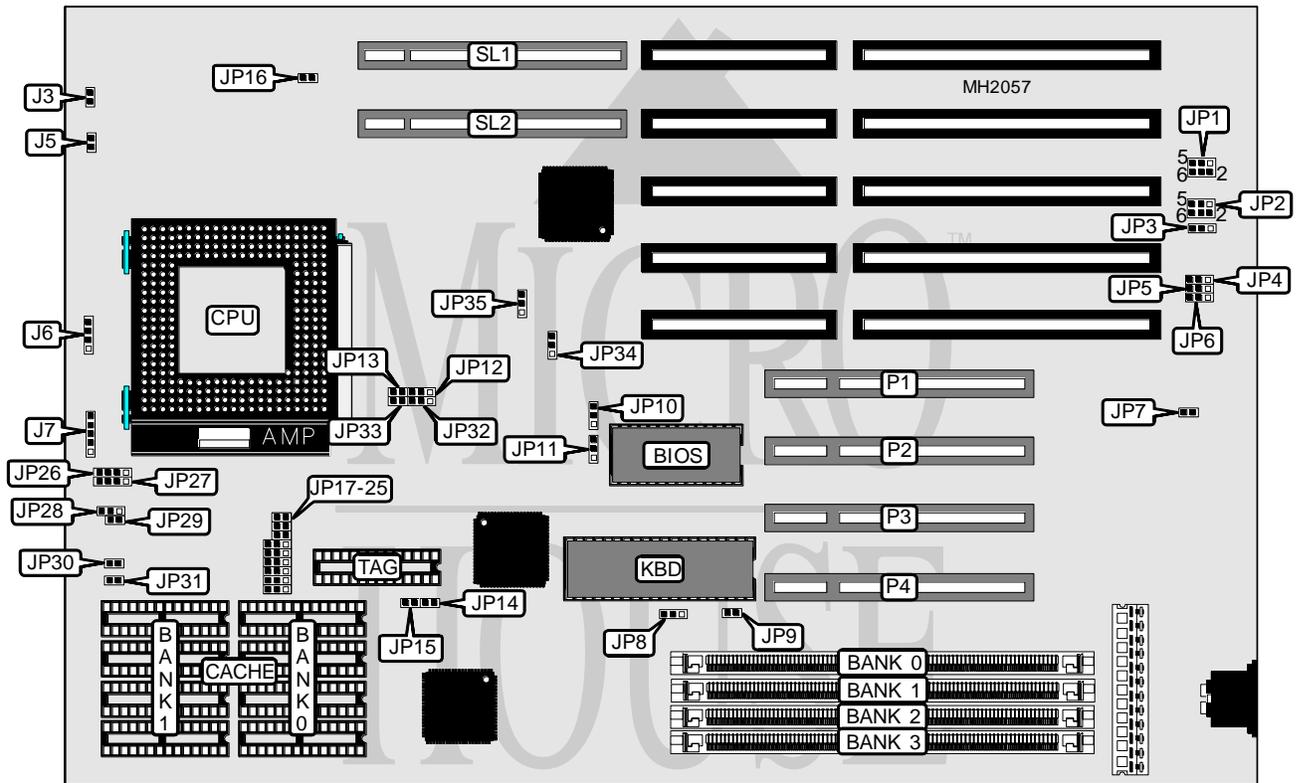


# RELIALOGIC CORPORATION PRIVATE, LTD.

## SA486VP

<b>Processor</b>	80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	128/256/512KB
<b>BIOS</b>	Phoenix
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slots (2),32-bit PCI bus slots (4), green PC feature
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J3	Power LED & keylock	J7
Reset switch	J5	32-bit PCI BUS slots	P1 - P4
Speaker	J6	32-bit VESA Local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP7	Open
í Monitor type select color	JP8	pins 2 & 3 closed
Monitor type select monochrome	JP8	pins 1 & 2 closed
í Factory configured - do not alter	JP9	Open
í Factory configured - do not alter	JP10	Open
í BIOS type select EPROM	JP11	pins 2 & 3 closed
BIOS type select Flash	JP11	pins 1 & 2 closed
í Factory configured - do not alter	JP13	Open
í Factory configured - do not alter	JP16	Open
í Factory configured - do not alter	JP18	Open
í Factory configured - do not alter	JP27	Open
í Factory configured - do not alter	JP28	Open
í Factory configured - do not alter	JP29	Open
í Factory configured - do not alter	JP32	pins 2 & 3 closed
í Factory configured - do not alter	JP33	Open
í Factory configured - do not alter	JP34	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
4MB	(1) 256K x 36			
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 512K x 36
6MB	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 512K x 36			
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36
16MB	(1) 1M x 36			
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
18MB	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 2M x 36			
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
34MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 4M x 36			
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
66MB	(1) 8M x 36	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36
68MB	(1) 512K x 36	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36
68MB	(1) 8M x 36	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 8M x 36			

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
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION								
Size	JP14	JP15	JP22	JP23	JP24	JP25	JP30	JP31
128KB	Open	Open	1 & 2	2 & 3	1 & 2	1 & 2	Open	Open
256KB	Closed	Open	1 & 2	1 & 2	1 & 2	2 & 3	Closed	Open
512KB	Closed	Closed	1 & 2	1 & 2	1 & 2	1 & 2	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION	
Type	JP26
80486SX	pins 2 & 3 closed
80487SX	pins 1 & 2, 3 & 4 closed
80486DX/DX2	pins 1 & 2, 3 & 4 closed
Overdrive	pins 1 & 2, 3 & 4 closed

CPU SPEED CONFIGURATION				
Speed	JP17	JP19	JP20	JP21
25MHz	Closed	Closed	pins 2 & 3 closed	pins 2 & 3 closed
33MHz	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed
50iMHz	Closed	Closed	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	Closed	Open	pins 1 & 2 closed	pins 2 & 3 closed

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VESA BUS CONFIGURATION		
Setting	JP12	JP35
í Enabled	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

Note: The VESA bus function must be enabled when a VESA VGA is installed on board, or when running the VESA IDE under DOS, Windows, and Windows NT modes.

PCI IRQ CONFIGURATION				
IRQ/INT	JP3	JP4	JP5	JP6
IRQ7/INT B	N/A	N/A	N/A	pins 2 & 3 closed
IRQ9/INT B	N/A	N/A	N/A	pins 1 & 2 closed
IRQ10/INT A	N/A	N/A	pins 1 & 2 closed	N/A
IRQ10/INT C	N/A	N/A	pins 2 & 3 closed	N/A
IRQ11/INT A	N/A	pins 1 & 2 closed	N/A	N/A
IRQ11/INT C	N/A	pins 2 & 3 closed	N/A	N/A
IRQ15/INT A	pins 1 & 2 closed	N/A	N/A	N/A
IRQ15/INT C	pins 2 & 3 closed	N/A	N/A	N/A

Note: If the add on card installed is anIDE or an IDE cache, INTX# setting for the PCI IDE or IDE cache card should be INTD#.

GREEN PC IRQ CONFIGURATION		
IRQ	JP1	JP2
IRQ5	N/A	pins 1 & 2 closed
IRQ7	pins 1 & 2 closed	N/A
IRQ9	N/A	pins 3 & 4 closed
IRQ10	pins 3 & 4 closed	N/A
IRQ11	pins 5 & 6 closed	N/A