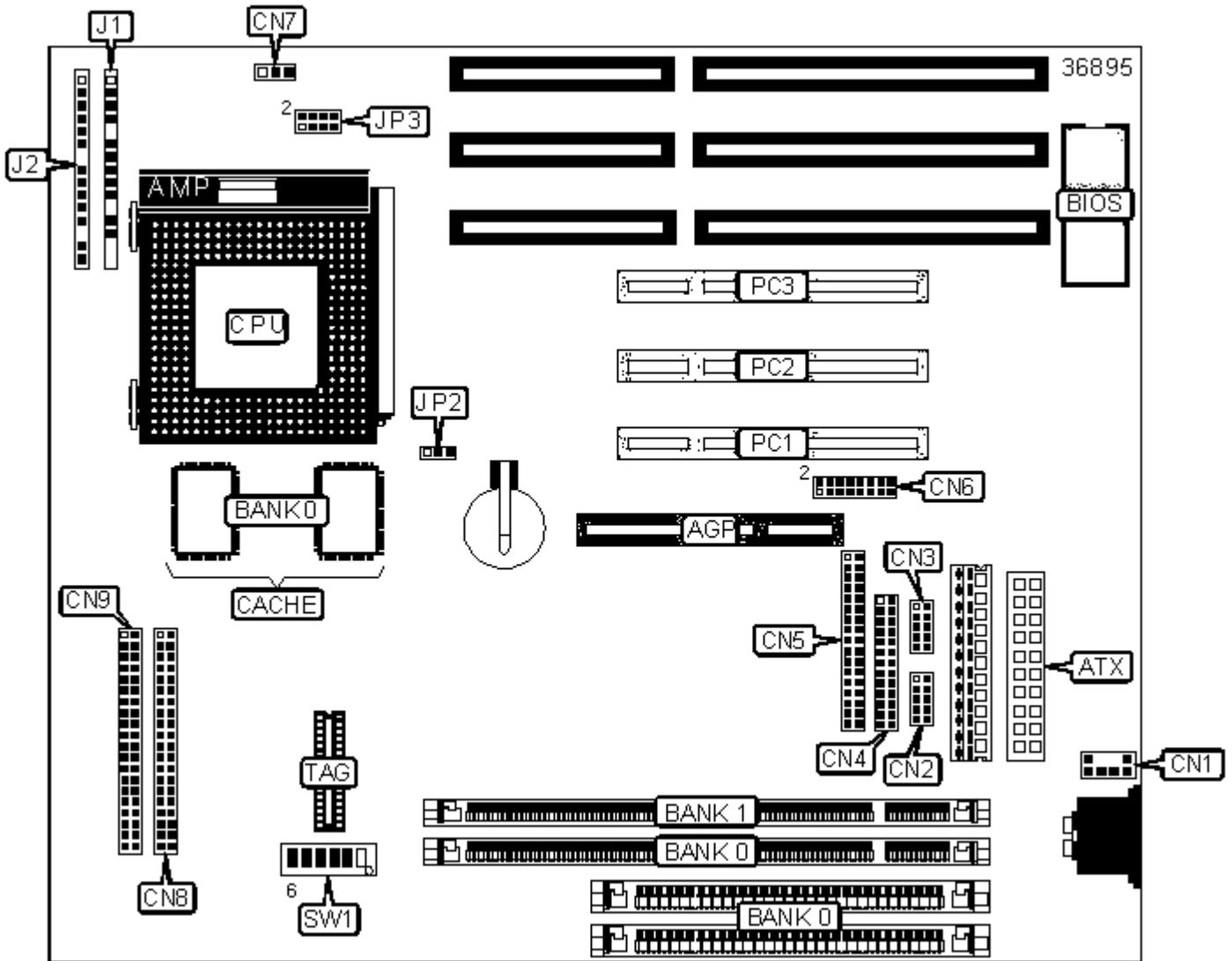


**FAMOUS TECHNOLOGY CO., LTD.**

MP-VIP3-B (REV. 2.00)

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/CX 6X86L/CX 686MX/AM K5/AM K6/IDT C6/Pentium/Pentium MMX
<b>Processor Speed</b>	133/150/166/200/233/266MHz
<b>Chip Set</b>	VIA
<b>Maximum Onboard Memory</b>	768MB (EDO & SDRAM supported)
<b>Cache</b>	512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	240mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), AGP slot, ATX power connector, floppy drive interface, IDE interfaces (2), IR connector, parallel interface, PS/2 mouse interface, serial interfaces (2), USB interface



**CONNECTIONS**

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	CN9
ATX power connector	ATX	IDE interface LED	J1/Pins 1 - 4

PS/2 mouse interface	CN1	IR connector	J1/Pins 6 - 10
Serial interface 2	CN2	Power switch	J1/Pins 12 & 13
Serial interface 1	CN3	Speaker	J2/Pins 1 - 4
Parallel interface	CN4	Reset switch	J2/Pins 5 & 6
Floppy drive interface	CN5	Power LED & keylock	J2/Pins 8 - 12
USB interface	CN6	Turbo LED	J2/Pins 14 & 15
CPU fan power	CN7	32-bit PCI slots	PC1-PC3
IDE interface 1	CN8		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed

### SIMM CONFIGURATION

Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36

Note: Board supports EDO & SDRAM memory.  
Note: EDO & SDRAM can not be mixed.

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None

24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.  
Note: EDO & SDRAM can not be mixed

### CACHE CONFIGURATION

Note: 512KB/1MB cache located onboard.

**CPU SPEED SELECTION (CX 6X86)**

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	55MHz	2.0x	Off	Off	On	On	Off	Off
150MHz	60MHz	2.0x	On	Off	Off	On	Off	Off
166MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
200MHz	75MHz	2.0x	Off	On	Off	On	Off	Off

**CPU SPEED SELECTION (CX 6X86L)**

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	55MHz	2.0x	Off	Off	On	On	Off	Off
150MHz	60MHz	2.0x	On	Off	Off	On	Off	Off
166MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
200MHz	75MHz	2.0x	Off	On	Off	On	Off	Off

**CPU SPEED SELECTION (CX 6X86MX)**

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
166MHz	60MHz	2.5x	On	Off	Off	On	On	Off
166MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
200MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	75MHz	2.0x	Off	On	Off	On	Off	Off
233MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off
233MHz	75MHz	2.5x	Off	On	Off	On	On	Off
266MHz	75MHz	3.0x	Off	On	Off	Off	On	Off

**CPU SPEED SELECTION (AM K5)**

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
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133MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off

#### CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4.0x	Off	Off	Off	On	Off	On

#### CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
200MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4.0x	Off	Off	Off	On	Off	On

#### CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
133MHz	66MHz	2.0x	Off	Off	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off

#### CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
» 166MHz	66MHz	2.5x	Off	Off	Off	On	On	Off
200MHz	66MHz	3.0x	Off	Off	Off	Off	On	Off

	233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
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<b>VCORE SELECTION</b>						
<b>Setting</b>	<b>CPU Type</b>	<b>JP3/Pins 1 &amp; 2</b>	<b>JP3/Pins 3 &amp; 4</b>	<b>JP3/Pins 5 &amp; 6</b>	<b>JP3/Pins 7 &amp; 8</b>	
	2.1V	AM K6 233MHz	Closed	Open	Open	Open
	2.2V	AM K6 266MHz	Open	Closed	Open	Open
»	2.8V	CX 6x86L, Pentium MMX	Open	Open	Open	Closed
	2.9V	CX 6x86MX, AM K6 166/200MHz	Closed	Open	Open	Closed
	3.2V	AM K6 233MHz	Open	Open	Closed	Closed
	3.3V	IDT C6	Closed	Open	Closed	Closed
	3.5V	CX 6x86, AM K5, Pentium	Closed	Closed	Closed	Closed
Note: AM K6 233MHz has two possible settings, depending on the processor.						