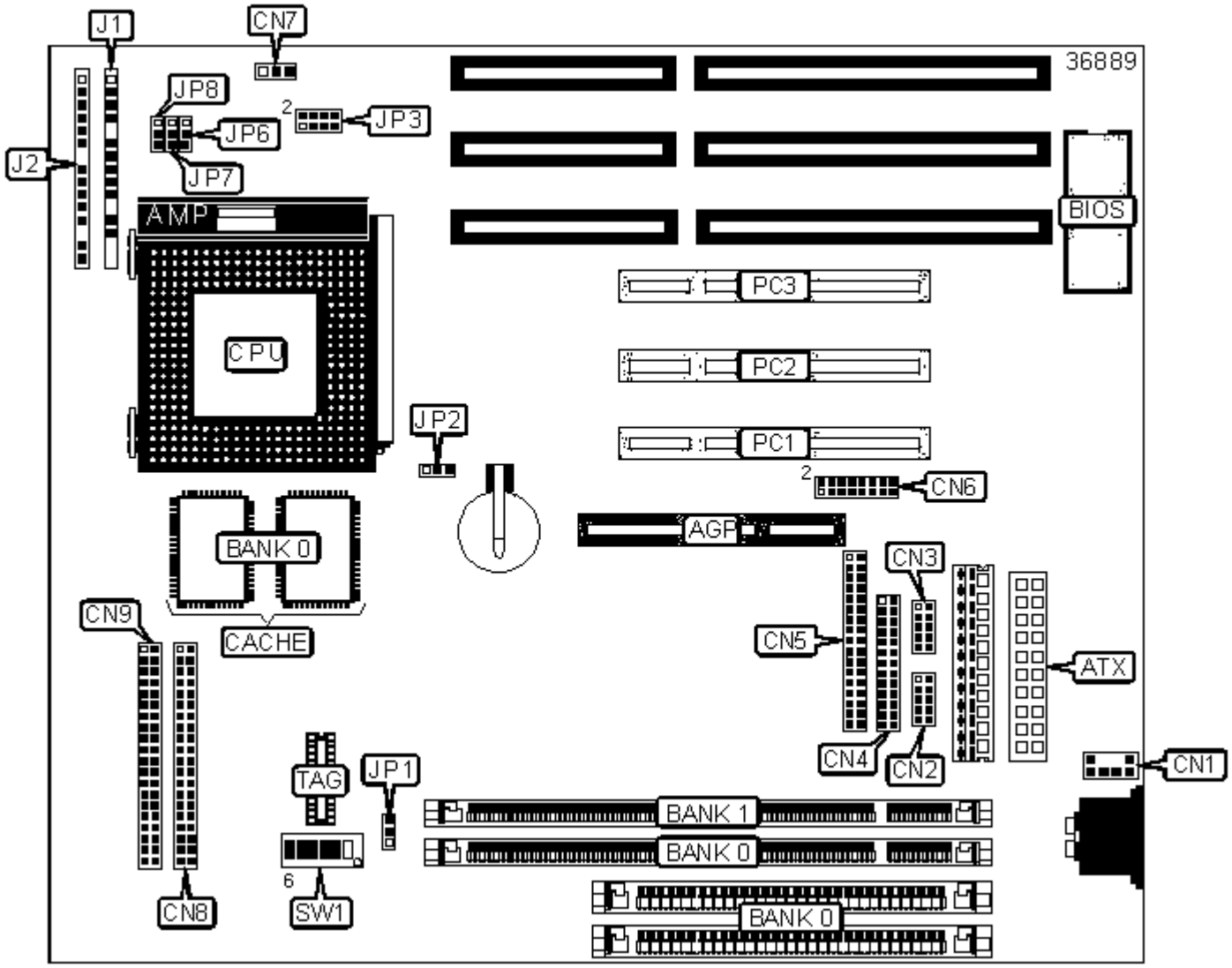
FAMOUS TECHNOLOGY CO., LTD.

MP-VIP4 (REV. 2.00)

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 686MX/CX M2/IBM 6X86/IBM 6X86L/IBM 6X86MX/ AM K5/AM K6/AM K6-2/IDT C6/Pentium/Pentium MMX
Processor Speed	133/166/200/233/240/250/266/300/333/350MHz
Chip Set	VIA Apollo MVP3
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	512KB/1MB
BIOS	Award
Dimensions	240mm x 220mm
I/O Options	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**
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**
32MB	(1) 4M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

128MB	(1) 16M x 64	None
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
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.		

SDRAM CLOCK SELECTION			
Setting		**JP1**	**JP6**
»	SDRAM clock is synchronous with the CPU clock	Pins 1 & 2 closed	Pins 2 & 3 closed
	SDRAM clock is synchronous with the AGP clock	Pins 2 & 3 closed	Pins 1 & 2 closed

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
200MHz	66MHz	2.5x	Off	On	On	On	On	Off
200MHz	75MHz	2.0x	Off	Off	On	On	Off	Off
233MHz	66MHz	3.0x	Off	On	On	Off	On	Off
233MHz	75MHz	2.5x	Off	Off	On	On	On	Off
266MHz	75MHz	3.0x	Off	Off	On	Off	On	Off
266MHz	83MHz	2.5x	Off	On	Off	On	On	Off

CPU SPEED SELECTION (CX 6X86MX, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
200MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3

200MHz	75MHz	2.0x	Pins 2 & 3	Pins 2 & 3
233MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
233MHz	75MHz	2.5x	Pins 2 & 3	Pins 2 & 3
266MHz	75MHz	3.0x	Pins 2 & 3	Pins 2 & 3
266MHz	83MHz	2.5x	Pins 1 & 2	Pins 1 & 2
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (CX M2)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
300MHz	66MHz	3.5x	Off	On	On	Off	Off	Off
300MHz	75MHz	3.0x	Off	Off	On	Off	On	Off
333MHz	66MHz	4.0x	Off	On	On	On	Off	On
333MHz	75MHz	3.5x	Off	Off	On	Off	Off	Off
333MHz	83MHz	3.0x	Off	On	Off	Off	On	Off
333MHz	100MHz	2.5x	Off	Off	Off	On	On	Off
350MHz	83MHz	3.5x	Off	On	Off	Off	Off	Off
350MHz	100MHz	3.0x	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (CX M2, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
300MHz	66MHz	3.5x	Pins 2 & 3	Pins 2 & 3
300MHz	75MHz	3.0x	Pins 2 & 3	Pins 2 & 3
333MHz	66MHz	4.0x	Pins 2 & 3	Pins 2 & 3
333MHz	75MHz	3.5x	Pins 2 & 3	Pins 2 & 3
333MHz	83MHz	3.0x	Pins 1 & 2	Pins 1 & 2
333MHz	100MHz	2.5x	Pins 1 & 2	Pins 2 & 3
350MHz	83MHz	3.5x	Pins 1 & 2	Pins 1 & 2
350MHz	100MHz	3.0x	Pins 1 & 2	Pins 2 & 3
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
200MHz	66MHz	2.5x	Off	On	On	On	On	Off
200MHz	75MHz	2.0x	Off	Off	On	On	Off	Off
233MHz	66MHz	3.0x	Off	On	On	Off	On	Off
233MHz	75MHz	2.5x	Off	Off	On	On	On	Off
266MHz	75MHz	3.0x	Off	Off	On	Off	On	Off
266MHz	83MHz	2.5x	Off	On	Off	On	On	Off

CPU SPEED SELECTION (IBM 6X86MX, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
200MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3
200MHz	75MHz	2.0x	Pins 2 & 3	Pins 2 & 3
233MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
233MHz	75MHz	2.5x	Pins 2 & 3	Pins 2 & 3
266MHz	75MHz	3.0x	Pins 2 & 3	Pins 2 & 3
266MHz	83MHz	2.5x	Pins 1 & 2	Pins 1 & 2
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (AM K5)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
133MHz	66MHz	2.0x	Off	On	On	On	Off	Off
166MHz	66MHz	2.5x	Off	On	On	On	On	Off
200MHz	66MHz	3.0x	Off	On	On	Off	On	Off

CPU SPEED SELECTION (AM K5, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**

133MHz	66MHz	2.0x	Pins 2 & 3	Pins 2 & 3
166MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
Note: Pins designated should be in the closed position.				

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	On	On	On	On	Off
200MHz	66MHz	3.0x	Off	On	On	Off	On	Off
233MHz	66MHz	3.5x	Off	On	On	Off	Off	Off
266MHz	66MHz	4.0x	Off	On	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	On	On	On	On

CPU SPEED SELECTION (AM K6, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
166MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
233MHz	66MHz	3.5x	Pins 2 & 3	Pins 2 & 3
266MHz	66MHz	4.0x	Pins 2 & 3	Pins 2 & 3
300MHz	66MHz	4.5x	Pins 2 & 3	Pins 2 & 3
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (AM K6-2)								
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
250MHz	100MHz	2.5x	Off	Off	Off	On	On	Off
266MHz	66MHz	4.0x	Off	On	On	On	Off	On
300MHz	100MHz	3.0x	Off	Off	Off	Off	On	Off
333MHz	95MHz	3.5x	On	Off	Off	Off	Off	Off

350MHz	100MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU SPEED SELECTION (AM K6-2, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
250MHz	100MHz	2.5x	Pins 1 & 2	Pins 2 & 3
266MHz	66MHz	4.0x	Pins 2 & 3	Pins 2 & 3
300MHz	100MHz	3.0x	Pins 1 & 2	Pins 2 & 3
333MHz	95MHz	3.5x	Pins 1 & 2	Pins 2 & 3
350MHz	100MHz	3.5x	Pins 1 & 2	Pins 2 & 3
Note: Pins designated should be in the closed position.				

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	On	On	Off	On	Off
233MHz	66MHz	3.5x	Off	On	On	Off	Off	Off
240MHz	66MHz	4.0x	Off	On	On	On	Off	On

CPU SPEED SELECTION (IDT C6, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
200MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
233MHz	66MHz	3.5x	Pins 2 & 3	Pins 2 & 3
240MHz	66MHz	4.0x	Pins 2 & 3	Pins 2 & 3
Note: Pins designated should be in the closed position.				

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	On	On	On	Off	Off
166MHz	66MHz	2.5x	Off	On	On	On	On	Off

200MHz	66MHz	3.0x	Off	On	On	Off	On	Off

CPU SPEED SELECTION (PENTIUM, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
133MHz	66MHz	2.0x	Pins 2 & 3	Pins 2 & 3
166MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
Note: Pins designated should be in the closed position.				

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	On	On	On	On	Off
200MHz	66MHz	3.0x	Off	On	On	Off	On	Off
233MHz	66MHz	3.5x	Off	On	On	Off	Off	Off

CPU SPEED SELECTION (PENTIUM MMX, CON'T)				
CPU speed	**Clock speed**	**Multiplier**	**JP7**	**JP8**
166MHz	66MHz	2.5x	Pins 2 & 3	Pins 2 & 3
200MHz	66MHz	3.0x	Pins 2 & 3	Pins 2 & 3
233MHz	66MHz	3.5x	Pins 2 & 3	Pins 2 & 3
Note: Pins designated should be in the closed position.				

VCORE SELECTION					
Setting	**CPU Type**	**JP3/Pins 1 & 2**	**JP3/Pins 3 & 4**	**JP3/ Pins 5 & 6**	**JP3/Pins 7 & 8**
2.2V	AM K6-266/300MHz, K6-2	Open	Closed	Open	Open
2.8V	CX 6x86L, IBM 6x86L, Pentium MMX	Open	Open	Open	Closed
2.9V	CX 6x86MX, CX M2, IBM 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, IBM 6x86, AM K5, Pentium	Closed	Closed	Closed	Closed