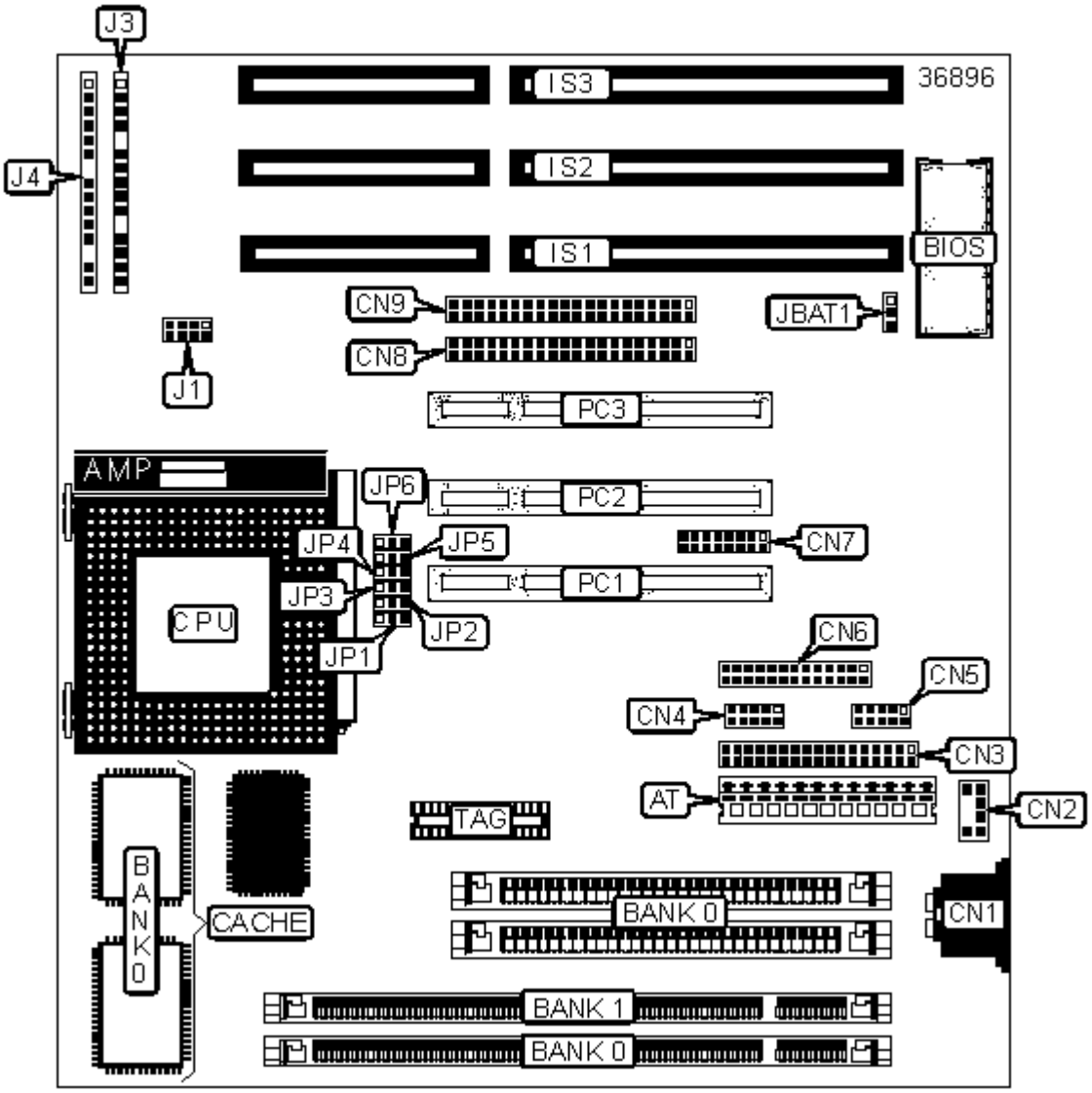
FAMOUS TECHNOLOGY CO., LTD.

MP-VIP2 (REV. 1.00)

Device Type	Mainboard
Processor	CX 686MX/CX MII/AM K5/AM K6/AM K6-2/IDT C6/Pentium/Pentium MMX
Processor Speed	133/166/200/225/233/266/300/333/366MHz
Chip Set	VIA
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	512KB
BIOS	Award
Dimensions	220mm x 190mm
I/O Options	16-bit ISA slots (3), 32-bit PCI slots (3), AT power connector, floppy drive interface, green PC connector, IDE interfaces (2), IR connector, keyboard connector, parallel interface, PS/2 mouse interface, serial interfaces (2), USB interface



CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AT power connector	AT	IDE interface LED	J3/Pins 1 - 4

Keyboard connector	CN1	IR connector	J3/Pins 6 - 10
PS/2 mouse interface	CN2	Green PC connector	J3/Pins 14 & 15
Floppy drive interface	CN3	Speaker	J4/Pins 1 - 4
Serial interface 1	CN4	Reset switch	J4/Pins 5 & 6
Serial interface 2	CN5	Power LED & keylock	J4/Pins 8 - 12
Parallel interface	CN6	Turbo LED	J4/Pins 14 & 15
USB interface	CN7	16-bit ISA slots	IS1-IS3
IDE interface 1	CN8	32-bit PCI slots	PC1-PC3
IDE interface 2	CN9		

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	JBAT1	Pins 1 & 2 closed
	CMOS memory clear	JBAT1	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	**Bank 0**
8MB	(2) 1M x 32
16MB	(2) 2M x 32
32MB	(2) 4M x 32
64MB	(2) 8M x 32
128MB	(2) 16M x 32
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
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 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
200MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2.0x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	75MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MII)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
300MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
300MHz	75MHz	3.0x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K5)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
133MHz	66MHz	2.0x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
266MHz	66MHz	4.0x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6-2)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
266MHz	66MHz	4.0x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2

300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
333MHz	66MHz	5.0x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IDT C6)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
200MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
225MHz	75MHz	3.0x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
266MHz	66MHz	4.0x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (PENTIUM)								
CPU speed	**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
133MHz	66MHz	2.0x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (PENTIUM MMX)									
CPU speed		**Clock speed**	**Multiplier**	**JP1**	**JP2**	**JP3**	**JP4**	**JP5**	**JP6**
	166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
»	200MHz	66MHz	3.0x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
	233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.									

VCORE SELECTION						
Setting		**CPU Type**	**J1/Pins 1 & 2**	**J1/Pins 3 & 4**	**J1/Pins 5 & 6**	**J1/Pins 7 & 8**
	2.1V	AM K6 266MHz, AM K6-2	Closed	Open	Open	Open
	2.2V	AM K6 266MHz, AM K6-2	Open	Closed	Open	Open
»	2.8V	Pentium MMX	Open	Open	Open	Closed
	2.9V	CX 6x86MX, CX M2, 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
	3.52V	AM K5, Pentium	Closed	Closed	Closed	Closed
Note: AM K6 266MHz & AM K6-2 is shown with two possible settings, depending on the processor.						