Mitac MTC IH4077C

Processor: 80486SX/80486DX/80486DX2/P23N/Pentium Overdrive
Processor Speed: 25/33/40/50/50(internal)/66(internal)/80(internal) MHz
Chip Set: UMC UM82C491F
Max. Onboard DRAM: 32MB
Cache: 0/64/128/256KB
BIOS: Award
Dimensions: 254mm x 218mm (10" x 8.5")
I/O Options: 32-bit VESA local bus slots (2)
NPU Options: None

CONNECTIONS:

Purpose	Location
Internal battery	J1 (Close to enable onboard)
External battery	J2
Reset switch	J4
Power LED	J5
Turbo switch	J6
Keylock	J7
Speaker	J8
32-bit VESA local bus	MCA1 & MCA2

USER CONFIGURABLE SETTINGS (* = Default)

Function	Jumper	Position
VESA Slot 1 and 2 (MCA1 + MCA2)	JP2	pins 1 & 2 closed*
VESA Only Slot1 (MCA1)	JP2	pins 2 & 3 closed
VL-BUS 1 Wait state	JP7	pins 1 & 2 closed*
VL-BUS 0 Wait state	JP7	pins 2 & 3 closed
Factory configured - do not alter	JP8	No jumpers*
PQFP CPU Disabled	JP17	Closed*
PQFP CPU Enabled	JP17	Open
Factory configured - do not alter	JP19	Closed*
Factory configured - do not alter	JP20	Open*

DRAM CONFIGURATION

Size	Bank 0	Bank 1
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9 `	(4) 1M x 9
16MB	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION

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

CACHE JUMPER CONFIGURATION (see Cache Note below)

Size	JP9	JP10	JP11	JP12
64K	1 & 2	Open	Open	Open
128K	2 & 3	2 & 3	Open	Close
256K	1 & 2	1 & 2	Close	Close

CPU TYPE CONFIGURATION

Type	JP14	JP15
80486SX	Open	pins 2 & 3 closed
80486DX	1 & 2 closed	1 & 2, 3 & 4 closed
80486DX2	1 & 2 closed	1 & 2, 3 & 4 closed
P23N / T	2 & 3 closed	1 & 2, 3 & 4 closed

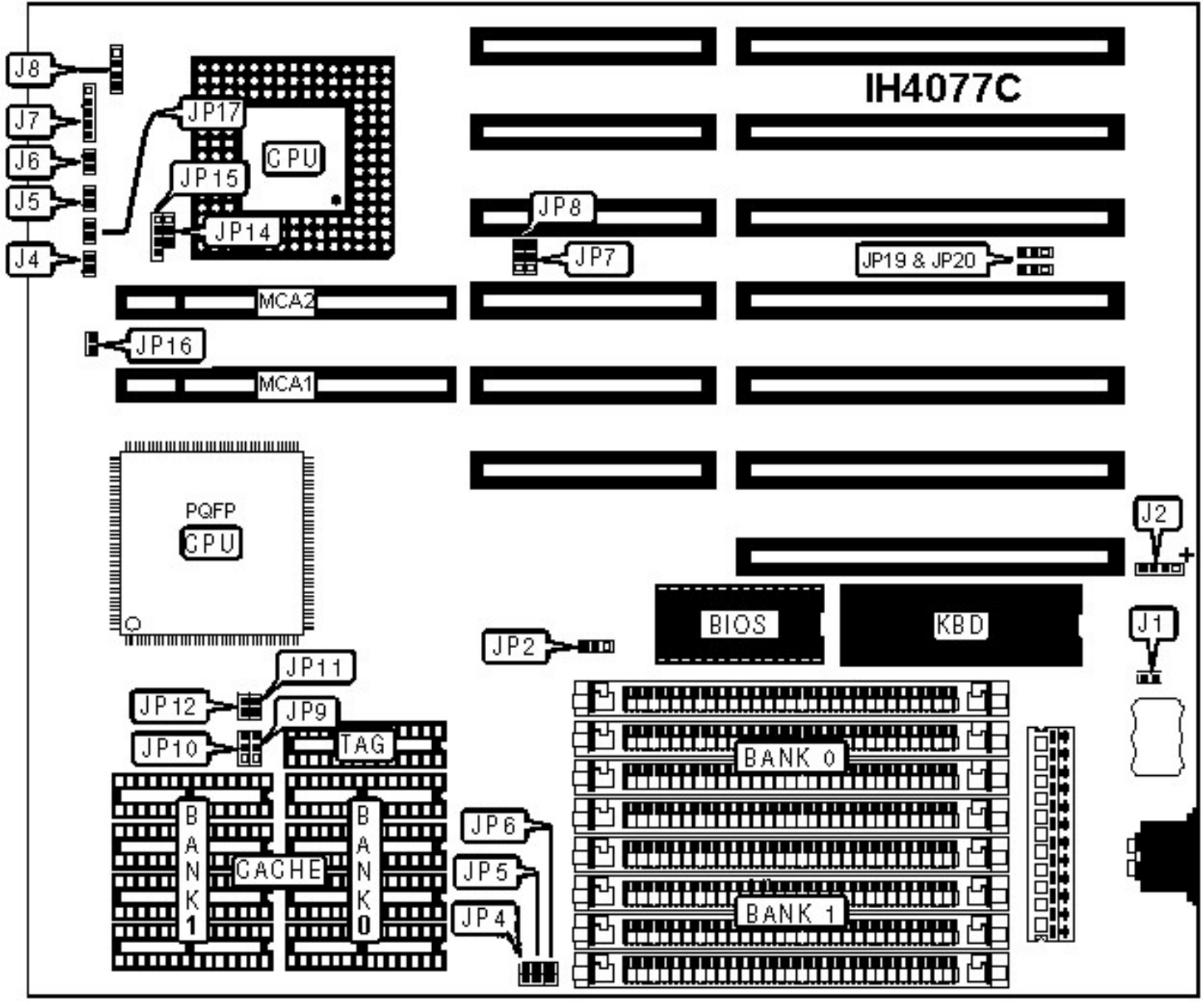
CPU SPEED CONFIGURATION

Clock Speed	JP6	JP5	JP4
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Open
40MHz	Open	Closed	Closed
50MHz	Closed	Open	Open

BUS SPEED CONFIGURATION

CPU speed	JP16
<= 33MHz	Open
> 33MHz	Closed

Cache Note: If No cache memory is installed and the Cache Size jumpers are set, the board will successfully boot reporting 0 cache.


IH4077C
J8
J7
J6
J5
J4
JP17
CPU
JP15
JP14
JP8
JP7
JP19 & JP20
MCA2
JP16
MCA1
PQFP
CPU
J2
J1
BIOS
KBD
JP2
JP11
JP12
JP9
JP10
TAG
BANK 0
BANK 1
CACHE
JP6
JP5
JP4