

**MAINBOARD
PT-694X
Quick Reference Manual**

Rev: 1.00

Mainboard Level Feature

1. **ISA Slot** : One 16-bit ISA Slot.
2. **PCI Slots** : Five 32-bit PCI Slots are provided.
3. **AMR Slot** : The Audio Modem Riser is a cost-effective AMR AC97/MC97.

4. **AGP Slot** : Accelerated Graphics Port (AGP).
5. **MIDI/Game Port** : 15-pin female MIDI/Joystick connector.
6. **Audio Port** : Three 1/8 female jacks for Line Out, Line In and MIC.

7. **COM2 Port** : 9-pin COM2 Ports.
8. **Parallel Port** : EPP and ECP compatible 25-pin D-Sub parallel Port
9. **COM1 Port** : 9-pin COM1 Ports.

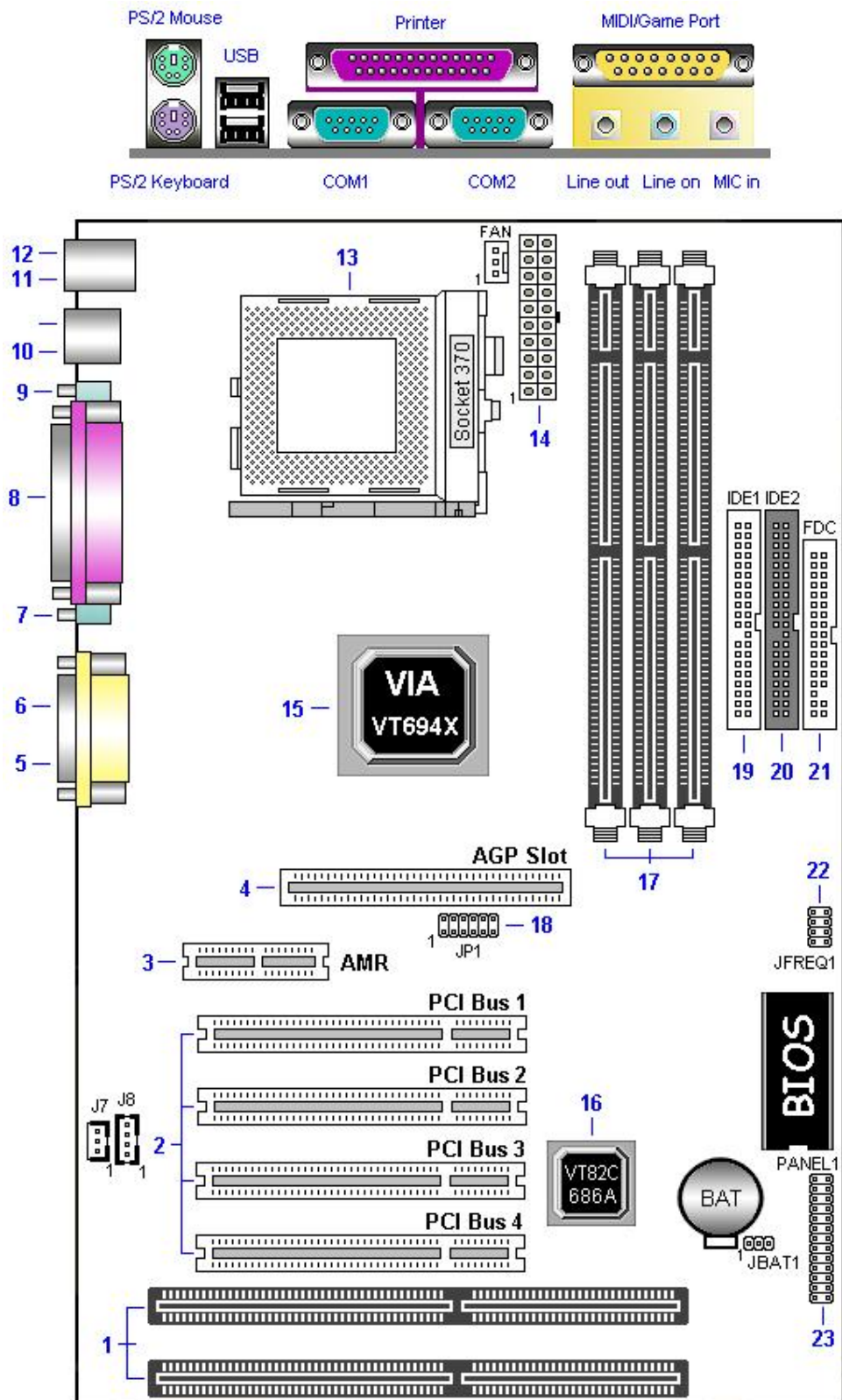
10. **USB Ports** : Two 4-pin USB Connectors.
11. **PS/2 Mouse Port** : Supports PS/2 style mice.
12. **PS/2 Keyboard Port** : Supports PS/2 style keyboards.

13. **CPU Socket** : ZIF Socket 370 for Intel Pentium III CPU.
14. **ATX power connector** : 20-Pin ATX Power Connector.
15. **North bridge controller** : VIA 82C694X and memory controller Hub.

16. **South bridge controller** : VIA 82C686B I/O Controller Hub.
17. **SDR DIMM Sockets** : Three 168-pin DIMM Sockets.
18. **CPU Frequency Selection** : 2 x 6 Header(JP1).

19. **IDE1 connector** : Connector for first IDE channel.
20. **IDE2 connector** : Connector for second IDE channel.
21. **Floppy disk connector** : Built-in Floppy controller supports (2) 5.25" or 3.5" Floppy drives.

22. **Ratio Selection** : 2 x 4 Header(JFREQ1).
23. **Front Panel Connector** : 2 x 13 Header(PANEL1).

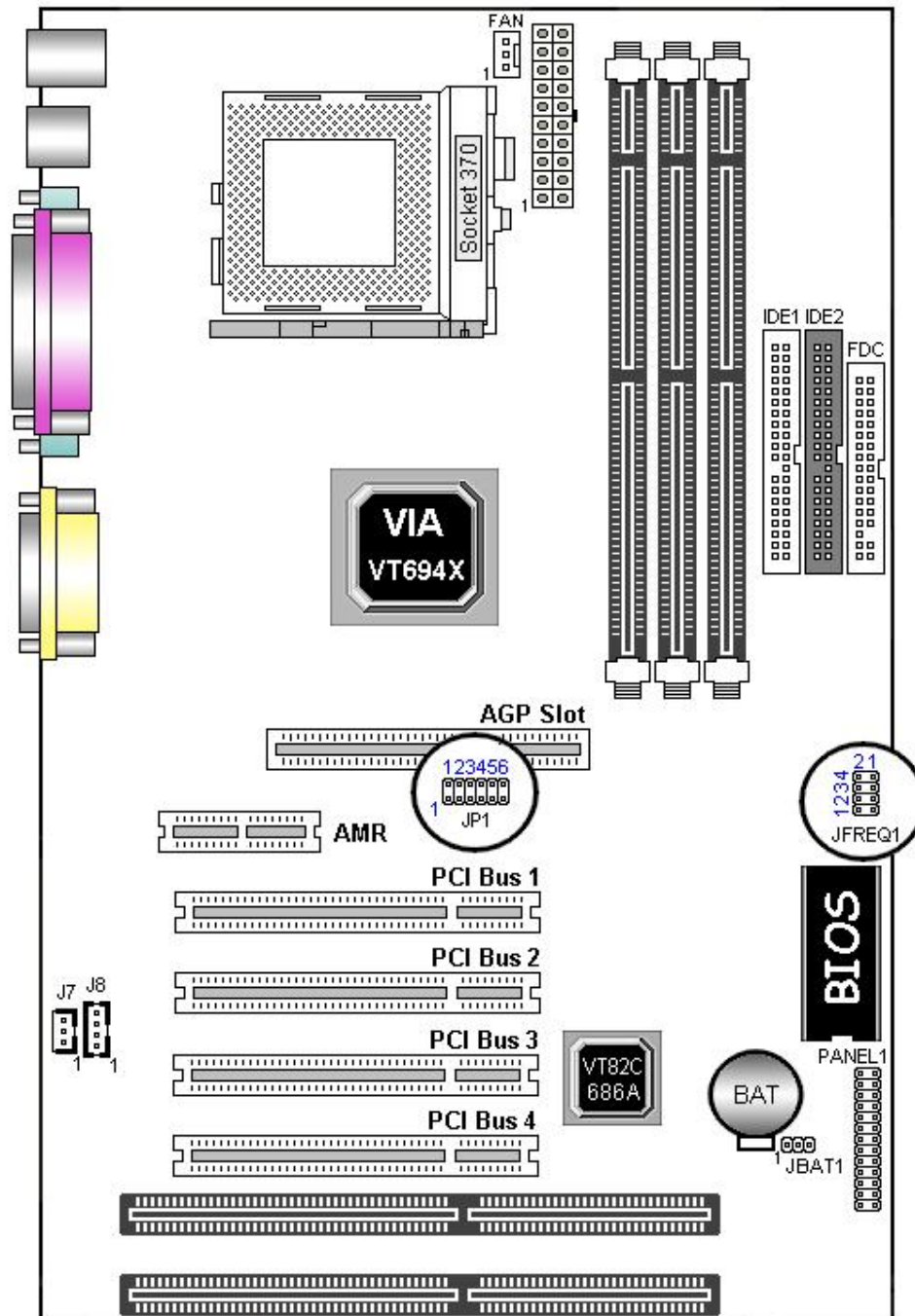


CPU Ratio Selection : JFERQ1

JFERQ1 RATIO	1	2	3	4
x 2.0	Close	Close	Close	Close
x 2.5	Close	Close	Open	Close
x 3.0	Close	Open	Close	Close
x 3.5	Close	Open	Open	Close
x 4.0	Open	Close	Close	Close
x 4.5	Open	Close	Open	Close
x 5.0	Open	Open	Close	Close
x 5.5	Open	Open	Open	Close
x 6.0	Close	Close	Close	Open
x 6.5	Close	Close	Open	Open
x 7.0	Close	Open	Close	Open
x 7.5	Close	Open	Open	Open
x 8.0	Open	Close	Close	Open

CPU Frequency Selection : JP1

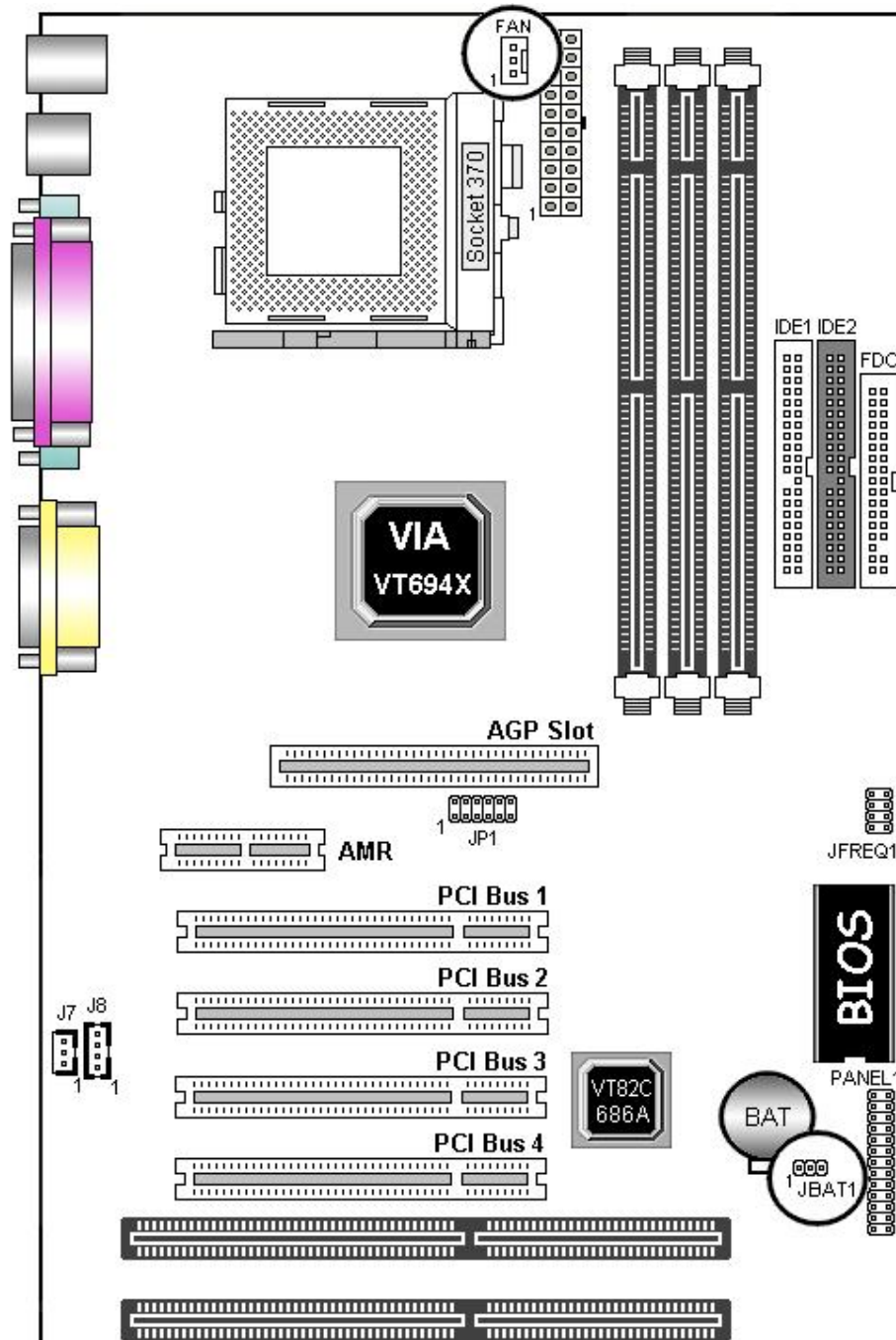
JP1 FREQ	1	2	3	4	5	6	PCI FREQ.
66MHz	Open	Open	Close	Close	Close	Close	33MHz
100MHz	Open	Open	Open	Close	Open	Close	33MHz
103MHz	Close	Close	Open	Close	Open	Close	34MHz
112MHz	Open	Close	Open	Close	Open	Close	37MHz
124MHz	Close	Open	Open	Open	Close	Open	31MHz
133MHz	Open	Open	Open	Open	Close	Open	33MHz
140MHz	Close	Close	Open	Open	Close	Open	35MHz
150MHz	Open	Close	Open	Open	Close	Open	37MHz



JBAT1	Assignment
<div> <div>1</div> <div>2</div> <div>3</div> <div> <div></div> <div></div> <div></div> </div> </div>	Normal Operation (Default)
<div> <div>1</div> <div>2</div> <div>3</div> <div> <div></div> <div></div> <div></div> </div> </div>	Clear CMOS Data (None)
<div> <div>1</div> <div>2</div> <div>3</div> <div> <div></div> <div></div> <div></div> </div> </div>	Onboard Battery Disabled

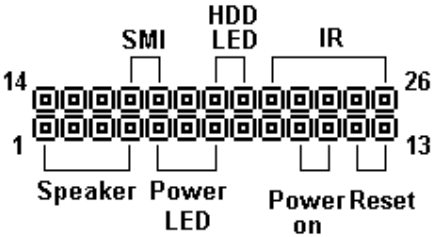
CPU FAN Connector : J6

Pin No	Assignment
1	Sense
2	+12V
3	Control Signal



Front Panel Connectors : PANEL1

PANEL1



Pin No	Assignment	Function	Pin No	Assignment	Function
1	Speaker	Speaker Connector	14	+5V	Vcc
2	NC		15	Ground	Ground
3	Ground		16	NC	NC
4	+5V		17	Sleep Switch	SMI
5	Power LED (+)	Power LED	18	Ground	
6	NC		19	NC	NC
7	Ground		20	HDD LED (+)	HDD LED
8	NC	No Function	21	HDD LED (+)	
9	NC		22	+5V	IrDA Connector
10	Power Switch	ATX Power Button	23	NC	
11	Ground		24	IRRX	
12	Reset Switch	Reset Button	25	Ground	
13	Ground		26	IRTX	

