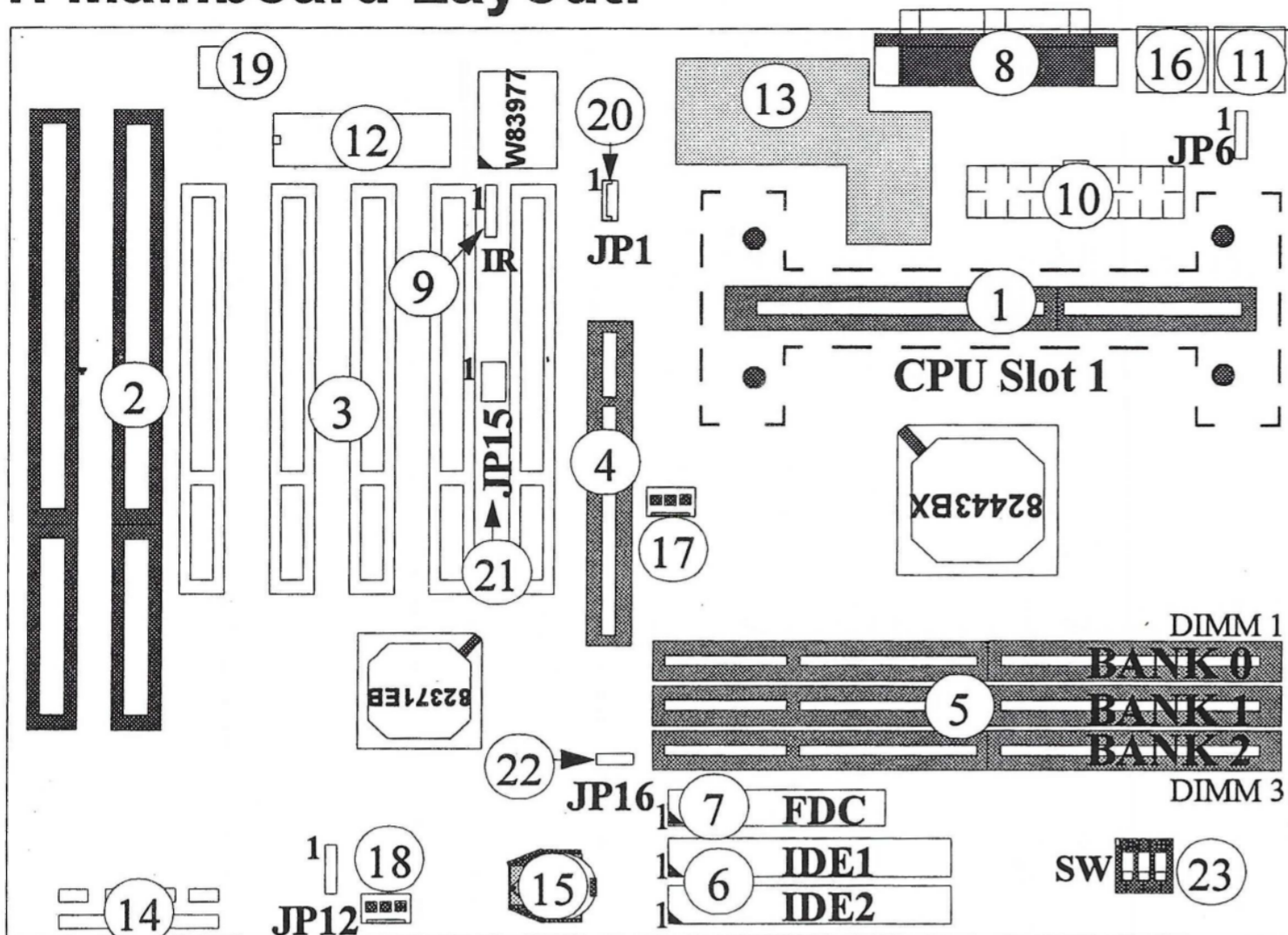


# P6F91i Quick Reference

The User's Manual is located at Compact Disc's / manual/english/f96.pdf

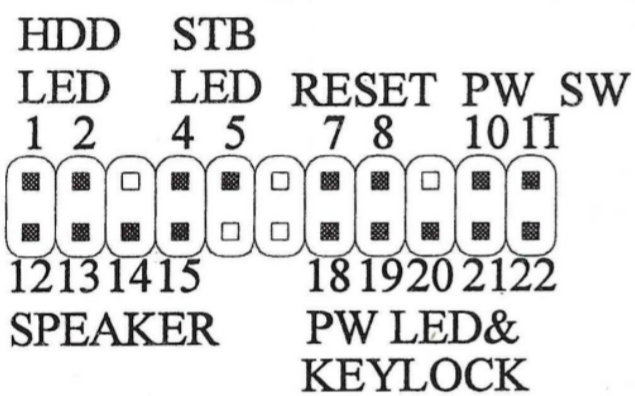
## 1. Mainboard Layout:



- 1: CPU Slot1
- 2: ISA Expansion Slots
- 3: PCI Expansion Slots
- 4: AGP Slot
- 5: DIMM Module Sockets
- 6: IDE Connectors
- 7: Floppy Drive Connector
- 8: Parallel (TOP) / Serial Port Connector
- 9: Infrared Port Header
- 10: ATX Power Connector
- 11: PS/2 Mouse (TOP) / Keyboard Connector
- 12: Flash BIOS
- 13: Switching Regulator
- 14: Front panel Connectors
- 15: RTC Battery (CR2032 Lithium)
- 16: Dual USB Connector
- 17: CPU FAN Connector
- 18: Secondary FAN Connector
- 19: System Monitor W83781D
- 20: Wake On LAN Header
- 21: Creative Lab SB-Link(JP15)
- 22: Bus Frequency 66/100MHz Selection(JP16)
- 23: DIP Switch for future CPU Ratio

## 2. Jumpers & Connectors

### Front Panel Connector



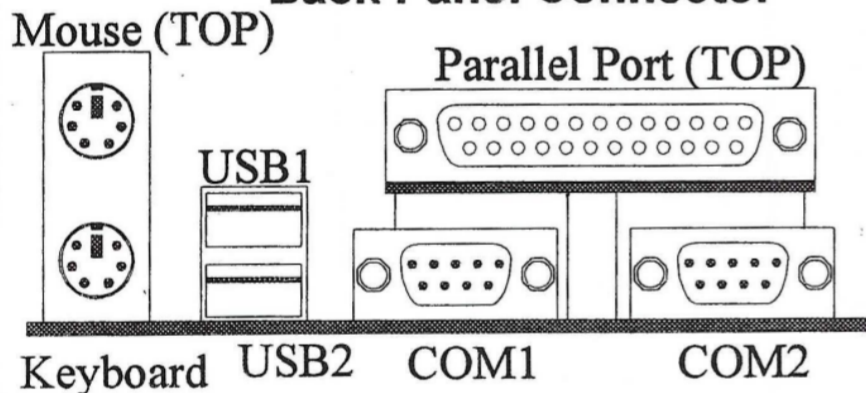
### Connector:

- JP1:** Wake On LAN Connector  
This 3-pin header is used for remote wake up of the computer through a network card
- JP15:** Creative Lab SB-LINK Connector.  
Creative lab's side band connector which will make PCI sound card capable to handle old DOS games

### Jumpers:

- JP6:** 1-2 Disabled keyboard password power on  
2-3 Enabled keyboard password power on
- JP12:** 1-2 Normal Mode  
2-3 Clear CMOS RAM
- JP16:** Close, CPU bus frequency=66 or 100MHz  
Open, CPU bus frequency=100MHz

### Back Panel Connector



JP16	Install CPU	Available Frequency options in the BIOS
Close	<b>Pentium II 233~333MHz:</b>	66, 68, 75, 83MHz
	<b>Pentium II 350~500MHz:</b>	100, 103, 112, 133MHz
Open	<b>Pentium II CPU with any Frequency:</b>	100, 103, 112, 133MHz

## 4. CPU Settings

- A. Press <DEL> key to access the AWARD BIOS SETUP program
- B. At the top right hand side of the "Chipset Feature Setup" screen, there is a "CPU Speed" options. Refer to the table below and selects the correct CPU speed.
- C. After the "CPU Speed" is set, go to "CMOS SETUP UTILITY" screen and selects "SAVE & EXIT SETUP" to save the information in the CMOS memory and continue with the booting process.

CPU Speed	BIOS Soft-menu		DIP Switch		
	CPU Frequency	CPU Ratio	SW-P1	SW-P2	SW-P3
233MHz	66.6MHz	x 3.5	OFF	OFF	ON
266MHz	66.6MHz	x 4.0			
300MHz	66.6MHz	x 4.5			
333MHz	66.6MHz	x 5.0			
366MHz	66.6MHz	x 5.5			
400MHz (Manual)	66.6MHz	x 6.0	OFF	OFF	OFF
433MHz* (Manual)	66.6MHz	x 6.5			OFF
466MHz* (Manual)	66.6MHz	x 7.0			OFF
500MHz* (Manual)	66.6MHz	x 7.5			OFF
350MHz	100MHz	x 3.5	OFF	OFF	ON
400MHz	100MHz	x 4.0			
450MHz	100MHz	x 4.5			
500MHz	100MHz	x 5.0			

Note: CPU with "\*" mark is not available yet. the setting is for reference only

## 3. Memory Installation

### 168-Pin DIMM Memory Configuration

BANK 0 (DIMM1)	SDRAM/EDO RAM 8, 16, 32, 64, 128, 256MB
BANK 1 (DIMM2)	SDRAM/EDO RAM 8, 16, 32, 64, 128, 256MB
BANK 2 (DIMM3)	SDRAM/EDO RAM 8, 16, 32, 64, 128, 256MB
<b>Total</b>	<b>SDRAM/EDO RAM</b> 8MB to Max. 768MB

Note1:P6F91i does not support mixing of SDRAM and EDO memory

Note2:P6F91i support both ECC or Non-ECC memory.

Note3.Memory requires PC100 memory when CPU bus running at 100MHz. For Example: PII-350, 400,450,500MHz.