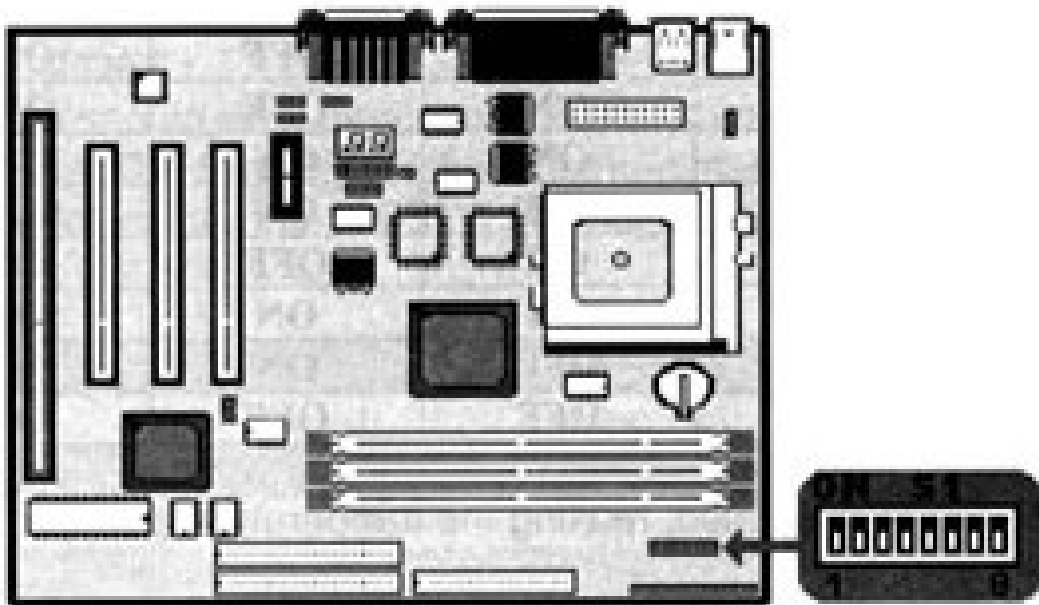


### C. CPU Voltage Settings And Ratio Select



#### $\Psi$ . CPU Voltage Settings

VCRO	S1-Pin1	S1-Pin2	S1-Pin3	S1-Pin4	S1-Pin5
1.8V	OFF	ON	OFF	ON	ON
1.9V	OFF	OFF	ON	ON	ON
2.0V	OFF	ON	ON	ON	ON
2.1V	ON	OFF	OFF	OFF	OFF
2.2V	OFF	ON	OFF	OFF	OFF
2.3V	ON	ON	OFF	OFF	OFF
2.4V	OFF	OFF	ON	OFF	OFF
2.5V	ON	OFF	ON	OFF	OFF
2.6V	OFF	ON	ON	OFF	OFF
2.7V	ON	ON	ON	OFF	OFF
2.8V	OFF	OFF	OFF	ON	OFF
2.9V	ON	OFF	OFF	ON	OFF
3.0V	OFF	ON	OFF	ON	OFF
3.1V	ON	ON	OFF	ON	OFF
3.2V	OFF	OFF	ON	ON	OFF
3.3V	ON	OFF	ON	ON	OFF
3.4	OFF	ON	ON	ON	OFF
3.5	ON	ON	ON	ON	OFF

### **$\Psi$ . Ratio Select**

<b>CPU/HOST Ratio</b>	<b>S1-Pin6</b>	<b>S1-Pin7</b>	<b>S1-Pin8</b>
<b>1.5/3.5</b>	<b>OFF</b>	<b>OFF</b>	<b>OFF</b>
<b>2.0</b>	<b>ON</b>	<b>OFF</b>	<b>OFF</b>
<b>2.5</b>	<b>ON</b>	<b>ON</b>	<b>OFF</b>
<b>3.0</b>	<b>OFF</b>	<b>ON</b>	<b>OFF</b>
<b>4.0</b>	<b>ON</b>	<b>OFF</b>	<b>ON</b>
<b>4.5</b>	<b>ON</b>	<b>ON</b>	<b>ON</b>
<b>5.0</b>	<b>OFF</b>	<b>ON</b>	<b>ON</b>
<b>5.5</b>	<b>OFF</b>	<b>OFF</b>	<b>ON</b>

- Switch voltage is applied, making the temperature lower and Voltare steadier.
- All the voltage specifications adopted here are the averages of the working voltage suggested by the CPU makers, to make any CPU applied work with the best performance.
- In Single voltage CPU V/I/O = Vcore.
- Remember to make sure CPU voltage set up is 100% correct. Any voltare error setup happened in Dual Voltage CPU will cause system unstable or doesn't work, or even worse is that it will burn out your CPU.

### **D. Other Jumper Sttings**

- **JP1 : External DEBUG Display connector**
- **JP2 : Select DEBUG Display on board or external**

<b>Short</b>	<b>DEBUG on board</b>
<b>Open</b>	<b>For External DEBUG</b>

- **JP3 : CPU External CLOCK**

<b>Short</b>	<b>100MHz</b>
<b>Open</b>	<b>66MHz</b>

- **JP4 : Clear CMOS**

<b>1-2</b>	<b>Normal</b>
<b>2-3</b>	<b>Clear CMOS</b>

- **J6 : External USB connector**

- **J13 : COM2 connector**
- **Speaker** : Connector to the system's speaker for beeping.
- **Power LED** : Power LED connector and keyboard lock switch.
- **Reset** : Short to reset system.
- **Power ON/OFF** :

The button should be a momentary switch that is normally open. Pushing the ATX Power Switch will immediately change the system status. Before or during "POST", you need for four seconds in order to turn off the system.

- **IR :**

<b>IR</b>	
<b>Pin1</b>	<b>Vcc</b>
<b>Pin2</b>	<b>NC</b>
<b>Pin3</b>	<b>Rx</b>
<b>Pin4</b>	<b>GND</b>
<b>Pin5</b>	<b>Tx</b>

- **J7 , J8 , J9 : CD AUDIO IN**

<b>J7</b>	
<b>Pin1</b>	<b>GND</b>
<b>Pin2</b>	<b>LEFT</b>
<b>Pin3</b>	<b>RIGHT</b>
<b>Pin4</b>	<b>GND</b>

<b>J8</b>	
<b>Pin1</b>	<b>LEFT</b>
<b>Pin2</b>	<b>GND</b>
<b>Pin3</b>	<b>RIGHT</b>
<b>Pin4</b>	<b>GND</b>

<b>J9</b>	
<b>Pin1</b>	<b>LEFT</b>
<b>Pin2</b>	<b>GND</b>
<b>Pin3</b>	<b>GND</b>
<b>Pin4</b>	<b>RIGHT</b>