P6VPA2 Jumper Setting Reference

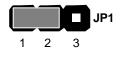
Quick Jumper Setting Reference

JP1: Clear CMOS jumper

Use this jumper to clear the contents of the CMOS memory. You may need to clear the CMOS memory if the settings in the BIOS Setup Utility are incorrect and are preventing your mainboard from operating. To clear the CMOS memory, disconnect all the power cables from the mainboard and then move the jumper cap into the Clear CMOS memory setting for a few seconds. CMOS is cleared.

Return the jumper cap to the Normal operation setting. Reconnect the power cables and start the system. When the POST starts, press the delete key to start the BIOS Setup Utility and reload BIOS optimal settings. Refer to Chapter 3 for information on BIOS.

| Function | Jumper Setting |
|------------------|----------------|
| Normal operation | Short pins 1-2 |
| Clear CMOS | Short pins 2-3 |



Note: Before clearing the BIOS, ensure that AC power is not connected.

JP6: CPU frequency select jumper

This jumper enables you to force the CPU to clock at a higher frequency than it is rated. Short pins 2 and 3 to force the CPU to run at a 100 MHz FSB instead of a 66 MHz FSB. We recommend that you leave the jumper on the normal operation setting.

| Function | Jumper Setting |
|---|----------------|
| Normal | Short pins 1-2 |
| Force 66 MHz FSB to run at 100 MHz FSB. | Short pins 2-3 |



JP7: CPU frequency select jumper

This jumper enables you to force the CPU to clock at a higher frequency than it is rated. Short pins 2 and 3 to force the CPU to run at a 133 MHz FSB instead of a 100 MHz FSB. We recommend that you leave the jumper on the normal operation setting.

| Function | Jumper Setting |
|---|----------------|
| Normal | Short pins 1-2 |
| Force 100 MHz FSB to run at 133 MHz FSB | Short pins 2-3 |



Note: The CPU speed is determined by the CPU Host/PCI Clock speed multiplied by the CPU Clock Ratio. Refer to the Frequency Control Option in Chapter 3 for more information.

Forcing the CPU to run at a higher clock speed then it was rated for is called overclocking and is not recommended.

JP8: BIOS Flash protect jumper

Use this jumper to enable or disable the BIOS flash protection on the mainboard. You should disable this jumper when you want to flash the BIOS.

| Function | Jumper Setting |
|----------|----------------|
| Disable | Short pins 1-2 |
| Enable | Short pins 2-3 |



PANEL1: Panel connectors for switches and indicators

Use the panel connector to implement the switches and indicators on your system case.

Panel connectors for switches and indicators

| Function | Pins | PANEL1 |
|-------------------------|------------------|---------------------|
| Power switch | 22, 23 | 23_ |
| Hard disk LED Indicator | +20, -21 | Power Switch 22-23 |
| Empty pin | 19 | HDD LED 20-21 |
| Speaker | +15, -16, 17, 18 | IIDD LED 20-21 |
| Empty pin | 14 | |
| Reset switch | 12, -13 | Speaker 15-16-17-18 |
| Keyboard lock | 10, -11 | |
| Green LED indicator | +7, +8, -9 | Reset Switch 12-13 |
| Empty pin | 6 | Reset Switch 12-13 |
| Sleep switch | 4, -5 | KeyLock 10-11 |
| Power LED indicator | +1, +2, -3 | Green LED 7-8-9 |
| | | Green LED 7-8-9 |
| | | Sleep Switch 4-5 |
| | | Power LED 1-2-3 |
| | | 1 |

Note: The plus sign (+) indicates a pin which must be connected to a positive voltage.