

# R552 Jumper Setting

CPU Type, Speed & Voltage Selector :

## A. CPU Voltage Selector :

a. For Single Power CPU : Intel P54C, Cyrix 6x86, IBM 6x86, AMD 5k86.

Step1 : JP502 : 1-2 Close, 3-4 Close, 5-6 Close.

Step2 :

VOLT 1.	JP9
3.3V	1-2 : Close. 3-4 : Close.
3.45V	1-2 : Close. 3-4 : Open.
3.5V	1-2 : Open. 3-4 : Open

(b) For Dual Power CPU : Intel P55C(MMX), Cyrix 6x86L, IBM 6x86L, AMD K6.

Step1 : JP502 : 1-2 Open, 3-4 Open, 5-6 Open.

Step2 :

VOLT 1.	JP9	VOLT 2.	JP19
3.3V	1-2:Close. 3-4:Close.	2.8V	1-2:Close. 3-4:Close.
3.45V	1-2:Close. 3-4:Open.	2.9V	1-2:Close. 3-4:Open.
3.5V	1-2:Open. 3-4:Open.	3.2V	1-2:Open. 3-4:Open.

## A. CPU Speed Selector :

(a) Intel Pentium CPU.

CPU Type	System Clock				Frequency Ratio			Refresh Time
	MHz	JP3	JP4	JP5	/	JP7	JP8	JP6
75MHz	50	Open	Open	Open	3/2	Open	Open	Open
90MHz	60	Open	Open	Close		Open	Open	Close
100MHz	66	Open	Close	Open		Open	Open	Open
120MHz	60	Open	Open	Close	2/1	Close	Open	Close
133MHz	66	Open	Close	Open		Close	Open	Open
150MHz	60	Open	Open	Close	5/2	Close	Close	Close
166MHz	66	Open	Close	Open		Close	Close	Open
180MHz	60	Open	Open	Close	3/1	Open	Close	Close
200MHz	66	Open	Close	Open		Open	Close	Open

(B) Cyrix 6x86/6x86L or IBM 6x86/6x86L CPU

CPU Type	System Clock				Frequency Ratio			Refresh Time
	MHz	JP3	JP4	JP5	/	JP7	JP8	JP6
PR120+	50	Open	Open	Open	2/1	Close	Open	Open
PR133+	55	Close	Open	Open		Close	Open	Open
PR150+	60	Open	Open	Close		Close	Open	Close
PR166+	66	Open	Close	Open		Close	Open	Open

(C) AMD 5k86 CPU

CPU Type	System Clock				Frequency Ratio			Refresh Time
	MHz	JP3	JP4	JP5	/	JP7	JP8	JP6
75MHz	50	Open	Open	Open	3/2	Open	Open	Open
90MHz	60	Open	Open	Close		Open	Open	Close
100MHz	66	Open	Close	Open		Open	Open	Open

CMOS Clear Jumper : JP14.

Function	JP14
Normal Operation (default)	Open
Clear CMOS data	Close

PS/2 Mouse Selector :JP16

These Jumper controls the on-board PS/2 Mouse lead connector.

When set to Enable, the port is active and uses IRQ12.

PS/2 Mouse	JP16
Enable	1-2
Disable	2-3

Flash EPROM Selector : JP17, JP18.

Program Mode	JP17	JP18
None Flash Mode	1-2	1-2
+5V Flash ROM	1-2	2-3
+12V Flash ROM	2-3	2-3

Monitor Type Selector : JP15

Monitor Type	JP15
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CGA	Close
Mono/EGA	Open

### Cache Size & SRAM Locations

Cache Size	Tag RAM	On Board SRAM Chip	256K Cache Module
(a) 256KB	32K8 x 1	32K32 x 2 pcs	None
(b) 512KB	32K8 x 1	32K32 x 2 pcs	1 pcs
	32K8 x 1	64K32 x 2 pcs	None

### SDRAM Voltage Selector : JP10

SDRAM Type	JP10 Setting
+3.3V SDRAM	3-5, 4-6 Close
+5V SDRAM	1-3, 2-4 Close