

5EAS ONE SHEET MANUAL

This leaflet is meant to help you set the jumpers for your 5EAS Motherboard in order to boot the Motherboard. A manual that describes the possibilities of your board in more detail is included on the CD ROM that came with your 5EAS board. Please refer to Diagram 1 for the location of the relevant jumpers:

Diagram 1: Motherboard layout

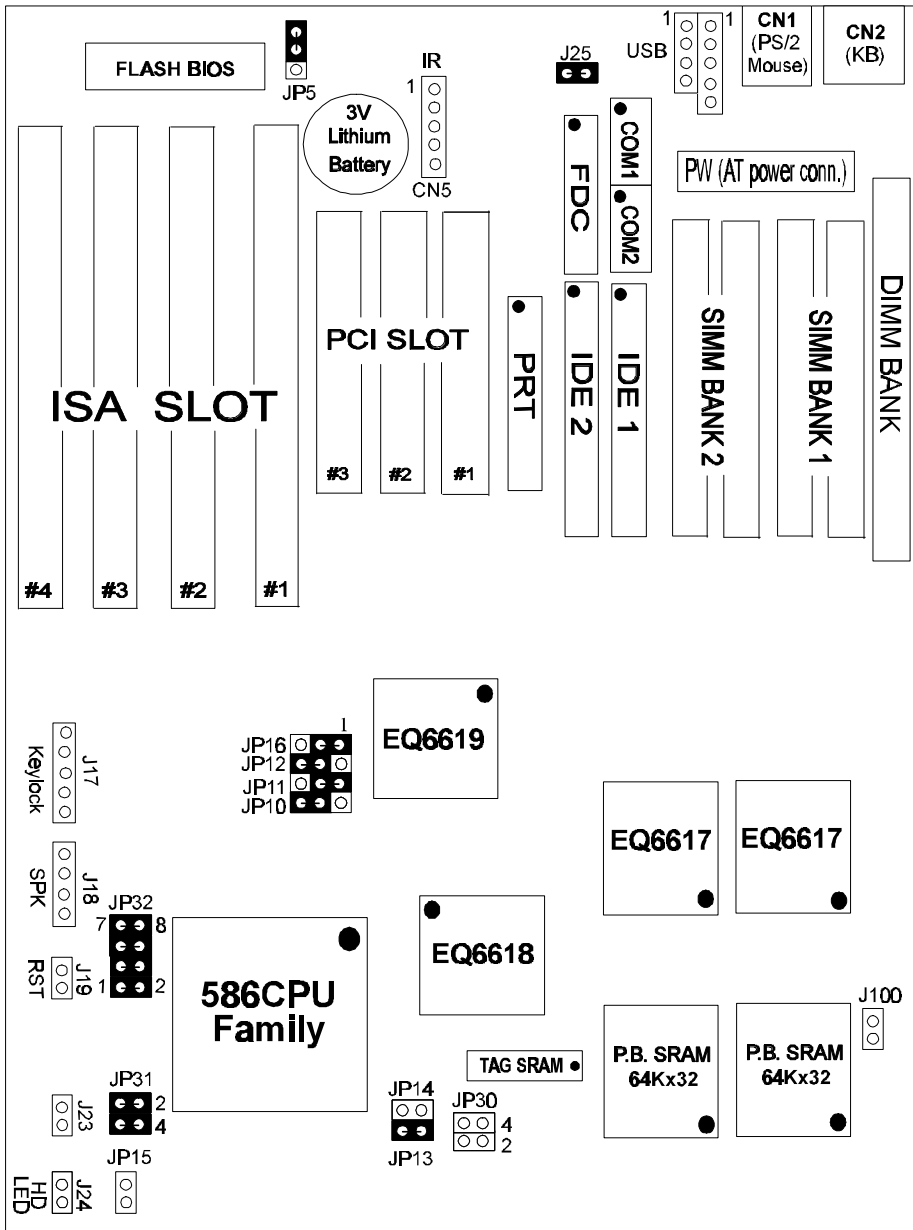


Table 1: Jumper settings for CPU voltage and frequency

Voltage Settings: JP32 (JP30, JP31)							CPU frequency settings: JP10, 11, 12 / JP13, 14, 15				multiplier	JP13	JP14	JP15
voltage	1-2	3-4	5-6	7-8	JP30	JP31	frequency:	JP10	JP11	JP12	1.5x/3.5x	open	open	open
single 3.52V	close	close	close	close	open	close	50 MHz	2-3	2-3	2-3	2.0x	close	open	open
single 3.3V	close	close	open	close	open	close	55 MHz	2-3	2-3	1-2	2.5x	close	close	open
dual 3.2V	close	close	open	open	close	open	60 MHz	1-2	2-3	2-3	3.0x	open	close	open
dual 2.9V	close	open	open	close	close	open	66 MHz	2-3	1-2	2-3	4.0x	close	open	close
dual 2.8V	close	open	open	open	close	open	75 MHz	1-2	2-3	1-2	4.5x	close	close	close
dual 2.2V	open	open	close	open	close	open					5.0x	open	close	close
dual 2.1V	open	open	open	close	close	open					5.5x	open	open	close

Note: This table obtains the most recently updated CPU setting. Disregard those settings which are different from the table above in the CD.

Table 2: Additional jumper settings

CMOS clear: JP5		PCI bus synchronous / asynchronous: J16				Sleep Switch connector: J23			
Retain CMOS data (default)	1-2	PCI bus:		JP16		connect a switch to this jumper, Any IRQ will wake up the system.			
		synchronous		1-2					
Clear CMOS data	2-3	asynchronous		2-3		Reset: J19		HDD Led: J24	
note: Set JP16 to 2-3 when 75 MHz bus clock is selected, for 50 and 55 set 1-2.						Connect the reset button to J19		connect the HDD led to J24	
J100: Cyrix CPU linear burst enable						Speaker: J18		Powered: J17	
Close this jumper when using a Cyrix CPU. Set the 'linear burst' item in the BIOS under 'chipset features' to enabled as well when setting this jumper. (default setting is disabled)						connect the speaker to J18		connect keylock & power led to J17	

Table 3: Memory configurations

	SIMM BANK		DIMM BANK		Note! Do not use FPM or EDO memory if you already use SDRAM type of memory.
	BANK 0	BANK 1	DIMM		
RAM Type	FPM / (B)EDO	FPM / (B)EDO	FPM / EDO /SDRAM		
Size	4/8/16/32/64	4/8/16/32/64	8/16/32/64/128		

Table 4: Settings for various processors

SETTINGS		CPU Frequency JP10, 11, 12 / JP 13, 14, 15								CPU voltage JP32 (JP 30, 31)							
processor		bus clock	multiplier	JP10	JP11	JP12	JP13	JP14	JP15	voltage	1-2	3-4	5-6	7-8	JP30	JP31	
AMD K5	PR75	50 MHz	1.5x	2-3	2-3	2-3	open	open	open	The AMD K5 comes in several versions with different voltages. Please ask your dealer for the correct voltage.							
AMD K5	PR90	60 MHz	1.5x	1-2	2-3	2-3	open	open	open								
AMD K5	PR100	66 MHz	1.5x	2-3	1-2	2-3	open	open	open								
AMD K5	PR120	60 MHz	1.5x	1-2	2-3	2-3	open	open	open								
AMD K5	PR133	66 MHz	1.5x	2-3	1-2	2-3	open	open	open								
AMD K5	PR150	66 MHz	1.5x	2-3	1-2	2-3	open	open	open								
AMD K5	PR166	66 MHz	2.5x	2-3	1-2	2-3	close	close	open								
AMD K6	166	66 MHz	2.5x	2-3	1-2	2-3	close	close	open	dual 2.9V	close	open	open	close	close	open	
AMD K6	200	66 MHz	3x	2-3	1-2	2-3	open	close	open	dual 2.9V	close	open	open	close	close	open	
AMD K6	233	66 MHz	3.5x	2-3	1-2	2-3	open	open	open	dual 2.2V	open	open	close	open	close	open	
AMD K6	266	66 MHz	4.0x	2-3	1-2	2-3	close	open	close	dual 2.2V	open	open	close	open	close	open	
AMD K6	300	66 MHz	4.5x	2-3	1-2	2-3	close	close	close	dual 2.2V	open	open	close	open	close	open	
AMD K6- 2 266		66 MHz	4.0x	2-3	1-2	2-3	close	open	close	dual 2.2V	open	open	close	open	close	open	
AMD K6- 2 300		66 MHz	4.5x	2-3	1-2	2-3	close	close	close	dual 2.2V	open	open	close	open	close	open	
AMD K6- 2 333		66 MHz	5.0x	2-3	1-2	2-3	open	close	close	dual 2.2V	open	open	close	open	close	open	
AMD K6- 2 366		66 MHz	5.5x	2-3	1-2	2-3	open	open	close	dual 2.2V	open	open	close	open	close	open	
Cyrix 6x86	PR133+	55 MHz	2.0x	2-3	2-3	2-3	close	open	open	The regular Cyrix 6x86 comes in several versions with different voltages. Please ask your dealer for the correct voltage.							
Cyrix 6x86	PR150+	60 MHz	2.0x	1-2	2-3	2-3	close	open	open								
Cyrix 6x86	PR166+	66 MHz	2.0x	2-3	1-2	2-3	close	open	open								
Cyrix 6x86	PR200+	75 MHz	2.0x	1-2	2-3	1-2	close	open	open								
Cyrix MX	PR166**	60 / 2.5	66 / 2.0	1-2	2-3	2-3	close	close	open		dual 2.9V	close	open	open	close	close	open
Cyrix MX	PR200**	66 / 2.5	75 / 2.0	2-3	1-2	2-3	close	close	open		dual 2.9V	close	open	open	close	close	open
Cyrix MX	PR233**	66 / 3.0	75 / 2.5	2-3	1-2	2-3	open	close	open	dual 2.9V	close	open	open	close	close	open	
Cyrix MX	PR266**	66 / 3.5	75 / 3.0	2-3	1-2	2-3	open	open	open	dual 2.9V	close	open	open	close	close	open	
Cyrix MII	300**	66 / 3.5	75 / 3.0	2-3	1-2	2-3	open	open	open	dual 2.9V	close	open	open	close	close	open	
P54C	P75	50 MHz	1.5x	2-3	2-3	2-3	open	open	open	The P54C (standard Pentium) comes in several versions with different voltages. Please ask your dealer for the correct voltage.							
P54C	P90	60 MHz	1.5x	1-2	2-3	2-3	open	open	open								
P54C	P100	66 MHz	1.5x	2-3	1-2	2-3	open	open	open								
P54C	P120	60 MHz	2.0x	1-2	2-3	2-3	close	open	open								
P54C	P133	66 MHz	2.0x	2-3	1-2	2-3	close	open	open								
P54C/P55C	P150	60 MHz	2.5x	1-2	2-3	2-3	close	close	open								
P54C/P55C	P166	66 MHz	2.5x	2-3	1-2	2-3	close	close	open	The P55C (MMX) processors have the same voltage setting:							
P54C/P55C	P180	60 MHz	3x	1-2	2-3	2-3	open	close	open								
P54C/P55C	P200	66 MHz	3x	2-3	1-2	2-3	open	close	open								
P55C	P233	66 MHz	3.5x	2-3	1-2	2-3	open	open	open		dual 2.8V	close	open	open	open	close	open
IDT WinChip	C6/2-180	60 MHz	3x	1-2	2-3	2-3	open	close	open		single 3.3V	close	close	open	close	open	close
IDT WinChip	C6/2-200	66 MHz	3x	2-3	1-2	2-3	open	close	open		single 3.3V	close	close	open	close	open	close
IDT WinChip	C6/2-225	75 MHz	3x	1-2	2-3	1-2	open	close	open	single 3.3V	close	close	open	close	open	close	
IDT WinChip	C6/2-233	66 MHz	3.5x	2-3	1-2	2-3	open	open	open	single 3.3V	close	close	open	close	open	close	
IDT WinChip	C6/2-240	60 MHz	4.0x	1-2	2-3	2-3	close	open	close	single 3.3V	close	close	open	close	open	close	
IDT WinChip	C6/2-180	60 MHz	3x	1-2	2-3	2-3	open	close	open	single 3.52V	close	close	close	close	open	close	
IDT WinChip	C6/2-200	66 MHz	3x	2-3	1-2	2-3	open	close	open	single 3.52V	close	close	close	close	open	close	
IDT WinChip	C6/2-225	75 MHz	3x	1-2	2-3	1-2	open	close	open	single 3.52V	close	close	close	close	open	close	
IDT WinChip	C6/2-233	66 MHz	3.5x	2-3	1-2	2-3	open	open	open	single 3.52V	close	close	close	close	open	close	
IDT WinChip	C6/2-240	60 MHz	4.0x	1-2	2-3	2-3	close	open	close	single 3.52V	close	close	close	close	open	close	
Rise mP6	PR233	75 MHz	2.5x	1-2	2-3	1-2	close	close	open	single 2.8V	close	close	open	close	open	close	
Rise mP6	PR266	66 MHz	3x	2-3	1-2	2-3	open	close	open	single 2.8V	close	open	open	open	close	open	

**There are two versions of these CPUs. Set the frequency according to the markings on the CPU.

*This specification is subject to change without notice.

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