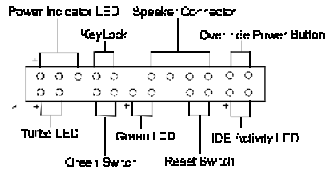


**CN4:** PS/2 mouse connector

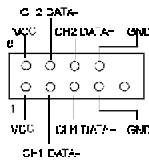


**CN7:** Fan78 connector (Optional)

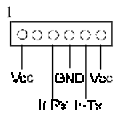
**CN8:** Front Panel connector set



**J7:** Dual channel USB connector



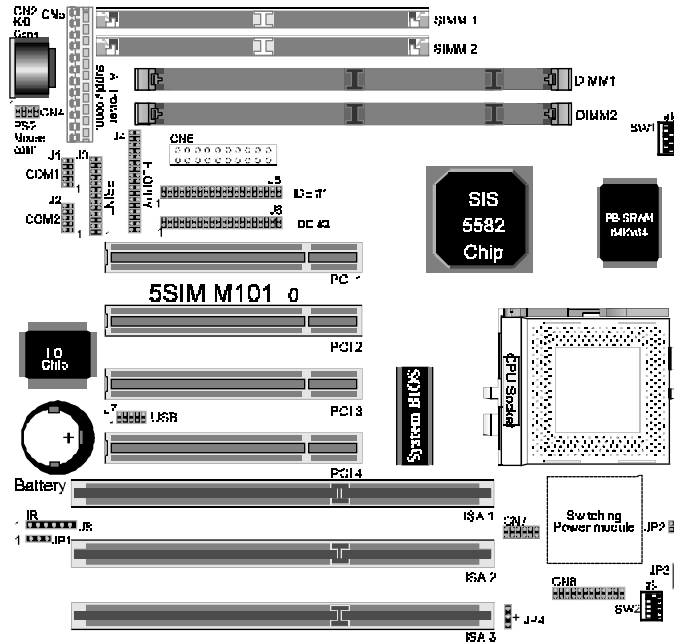
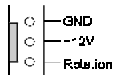
**J8:** Infrared connector



**JP1:** CMOS clear data jumper

1~2 short: Normal (default)  
2~3 short: Clear CMOS data

**JP3/JP4:** CPU/System cooling fan connectors



**Voltage Configuration:**

There are two major processor types in general use. Most single-voltage processors such as Pentium, AMD-K5, and Cyrix 6x86 processors use a single voltage value 3.5v for both core and I/O voltage settings. Most dual-voltage processors such as Pentium processors with MMX technology and Cyrix 6x86L processors use a dual voltage value of 2.8v for core and 3.3v for I/O voltage settings. For most of these two types of processors, you can set JP2 and SW2 as follows:

CPU Type	I/O Vcc	Core Vcc	JP2	SW2
Single-voltage processors (Pentium, 6x86, K5)	3.5			
Dual-voltage processors (MMX Pentium, 6x86L)	3.3	2.8		

However, some processors such as AMD-K6 may need special voltage support. Please refer to the following table:

CPU Type	I/O Vcc	Core Vcc	JP2	SW2
Single-voltage processors (Pentium, 6x86)	3.3			
Dual-voltage processors (K6)	3.3	2.9		
		3.1		
		3.2		

CPU-type	CPU Power Voltage				CPU Speed						
	I/O Vcc	Core Vcc	JP2	SW2	MHz	Freq. ratio	SW1				
Intel	3.5				P54C-75	50	x1.5				
					P54C-90	60	x1.5				
					P54C-120		x2				
					P54C-150		x2.5				
					P54C-100	66	x1.5				
					P54C-133		x2				
					P54C-166		x2.5				
					P54C-200		x3				
					Pentium w/MMX @166MHz	3.3	2.8			x2.5	
					Pentium w/MMX @200MHz					x3	
Pentium w/MMX @233MHz	x3.5										
Cyrix /IBM	3.5				6x86-PR120+ @100MHz	50	x2				
					6x86-PR133+ @110MHz	55					
					6x86-PR150+ @120MHz	60					
					6x86-PR166+ @133MHz	66					
					6x86-PR200+ @150MHz	75					
					6x86L-PR166+ @133MHz	66	x2				
					6x86L-PR200+ @150MHz			75			
					AMD	3.5				K5-PR75	50
K5-PR90	60										
K5-PR100	66										
K5-PR120 @90MHz	60	x2									
K5-PR133 @100MHz			66								
K5-PR150 @105MHz			60								
K5-PR166 @116.7MHz	66	x2.5									
K6/166	66	x2.5									
K6/200			x3								