
6ABX2V
ATX FORM FACTOR
MAIN BOARD
USER'S MANUAL
(VER :1.1)



1-1 POWER ON FUNCTION

TO GIVE THE USER MORE CHOICES ON POWER ON SETUP, THE MAIN BOARD ADDS ESPECIALLY THE FOLLOWING OPTIONS .

GO TO "INTERGRATED PERIPHERALS" IN BIOS, AND FIND THE ITEM, "POWER ON FUNCTION," IN WHICH THERE ARE "KB POWER ON PASSWORD, HOT KEY POWER ON, MOUSE LEFT, MOUSE RIGHT, AND BUTTON ONLY."

ITEM	PROCEDURE	SPECIAL NOTE
KB POWER ON PASSWORD	1. ENTER PASSWORD: 5 SPACES ALLOWED. 2. CONFIRM PASSWORD: KEY IN THE PASSWORD TO CONFIRM AGAIN.	THE SYSTEM CAN ONLY BE TURNED ON THROUGH KB PASSWORD. CASE BUTTON CAN NOT WORK. IF PASSWORD IS FORGOTTEN, PLEASE CLEAR CMOS AND SET UP AGAIN.
HOT KEY POWER ON	12 OPTIONS: "CTRL+F1...CTRL+F12." THE USER MAY CHOOSE EITHER OF THEM BY "PAGE UP" OR "PAGE DOWN."	THE SYSTEM CAN BE TURNED ON EITHER BY HOT KEY OR PUSHING CASE POWER ON BUTTON.
MOUSE LEFT	MOUSE LEFT (P/S2 MOUSE ONLY)	THE SYSTEM CAN BE TURNED ON EITHER BY PS/2 MOUSE OR PUSHING CASE POWER ON BUTTON.
MOUSE RIGHT	MOUSE LEFT (P/S2 MOUSE ONLY)	THE SYSTEM CAN BE TURNED ON EITHER BY PS/2 MOUSE OR PUSHING CASE POWER ON BUTTON.
BUTTON ONLY	CASE BUTTON	THE SYSTEM CAN BE TURNED ON BY CASE BUTTON.

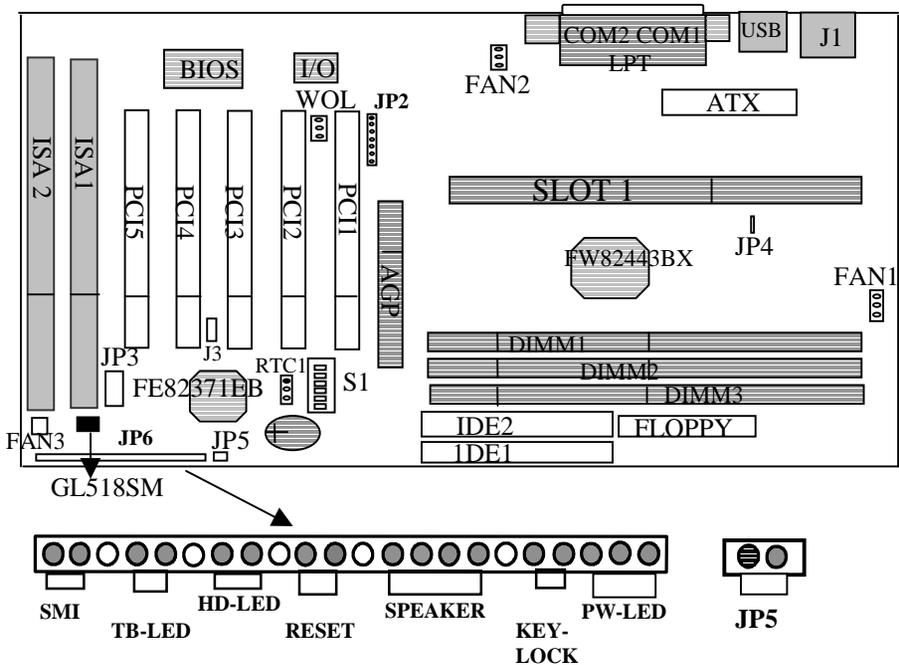


1-2 TREND-- ANTI-VIRUS PROTECTION

THE BIOS HAS INCLUDED AN ANTI-VIRUS PROTECTION SOFTWARE. IT CAN AUTOMATICALLY DETECT THE VIRUS. THE USER CAN EASILY LET THIS FUNCTION WORK THROUGH ENABLING “**ANTI-VIRUS PROTECTION**” IN “**BIOS FEATURES SET-UP**”(PAGE 19). AFTER ENABLING “**ANTI-VIRUS PROTECTION,**” THE SCREEN WILL SHOW THE SENTIENCE “**Trend ChipAway(R) OnGuard**” WHEN THE SYSTEM IS RE-TURNED ON.

NOTE: PLEASE ENABLE THE FUNCTION AFTER INSTALLING OS.

I-3 LAYOUT REFERENCE

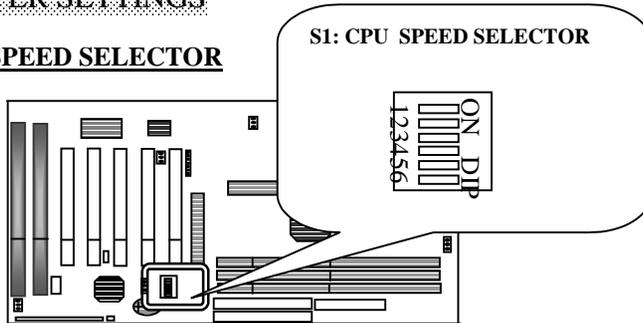


*** SMI: SUSPEND MODE INTERRUPT**

SMI IS FOR **BREAK SWITCH SETTING** . WHEN SMI IS TURNED FROM OPEN TO CLOSE AND BACK TO OPEN, THE SYSTEM WOULD SUSPEND IMMEDIATELY.

1-4 JUMPER SETTINGS

S1: CPU SPEED SELECTOR

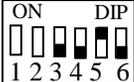
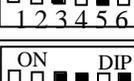
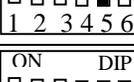


PIN 1 AND PIN 2 SETUP:

THE FOLLOWING CHART IS REFERENCE FOR CPU WORKING FREQUENCY WITH THE REQUIRED FREQUENCY SUPPORTED BY PCI CARD/AGP CARD. PLEASE NOTE THAT **IF CPU WORKS AT OVER SPEC. FREQUENCY, LIKE 103MHZ, 112MHZ, 133MHZ, MAKE SURE PCI CARD AND AGP CARD COULD SUPPORT THE HIGH FREQ.** OTHERWISE, THE SYSTEM MAY NOT WORK PROPERLY. WITHOUT GOOD PCI CARD /AGP CARD, IT IS NOT SUGGESTED THAT THE SYSTEM WORKS BEYOND SPECIFICATION.

CPU FREQUENCY: 50 MHZ	PCI FREQ.: 25 MHZ AGP FREQ.: 50 MHZ	ON DIP □ □ □ □ □ □ 1 2 3 4 5 6
CPU FREQUENCY: 103 MHZ	PCI FREQ.: 34.3 MHZ AGP FREQ.: 68.5 MHZ	
CPU FREQUENCY: 66 MHZ	PCI FREQ.: 33 MHZ AGP FREQ.: 66 MHZ	ON DIP □ □ □ □ □ □ 1 2 3 4 5 6
CPU FREQUENCY: 100 MHZ (DEFAULT)	PCI FREQ.: 33.3 MHZ AGP FREQ.: 66.6 MHZ	
CPU FREQUENCY: 75 MHZ	PCI FREQ.: 37.5 MHZ AGP FREQ.: 75 MHZ	ON DIP □ □ □ □ □ □ 1 2 3 4 5 6
CPU FREQUENCY: 112MHZ	PCI FREQ.: 37.3 MHZ AGP FREQ.: 74.5 MHZ	
CPU FREQUENCY: 83 MHZ	PCI FREQ.: 41.5 MHZ AGP FREQ.: 83 MHZ	ON DIP □ □ □ □ □ □ 1 2 3 4 5 6
CPU FREQUENCY :133MHZ	PCI FREQ.: 33.3 MHZ AGP FREQ.: 88.5 MHZ	

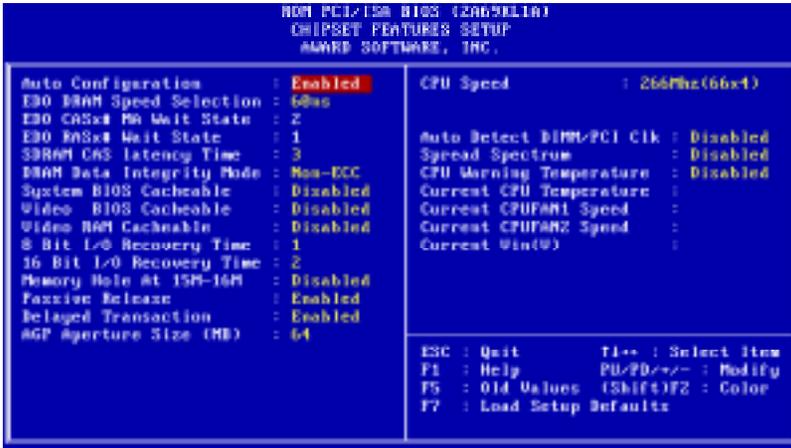
PIN 3- PIN6 SETUP

CPU SPEED	CLOCK SPEED	RATIO	SW1
PENTIUM® II 233MHZ	66MHZ	3.5X (DEFAULT)	ON DIP 
PENTIUM® II 350MHZ	100MHZ		
PENTIUM® II 266MHZ	66MHZ	4X	ON DIP 
PENTIUM® II 400MHZ	100MHZ		
PENTIUM® II 300MHZ	66MHZ	4.5X	ON DIP 
PENTIUM® II 450 MHZ	100MHZ		
PENTIUM® II 330 MHZ	66MHZ	5X	ON DIP 
*PENTIUM® II 500 MHZ	100MHZ		
*PENTIUM® II 366 MHZ	66MNZ	5.5X	ON DIP 
*PENTIUM® II 550 MHZ	100MHZ		
*PENTIUM® II 600 MHZ	100MHZ	6X	ON DIP 
*PENTIUM® II 650 MHZ	100MHZ	6.5X	ON DIP 
*PENTIUM® II 700 MHZ	100MHZ	7X	ON DIP 
*PENTIUM® II 750 MHZ	100MHZ	7.5X	ON DIP 
*PENTIUM® II 800 MHZ	100MHZ	8X	ON DIP 

***PENTIUM® II 366MHZ AND 500 MHZ - 800MHZ ARE FOR REFERENCE ONLY AS THEY ARE NOT AVAILABLE WHEN THIS MANUAL IS PUBLISHED.**

IF THE MAIN BOARD IS JUMPERLESS VERSION.

IF THIS MAIN BOARD IS JUMPERLESS (WITHOUT JUMPER S1), THE USER ONLY NEEDS TO MODIFY "CPU SPEED" IN "3-4 CHIPSET FEATURES SETUP." FIRST, GO TO "3-4 CHIPSET FEATURES SETUP" AND SET PROPER "CPU SPEED." THEN, GO TO "3-1 AWARD BIOS SETUP" AND SAVE THE CHANGE. IT IS NOT NECESSARY TO SET CPU HARDWARE JUMPERS.



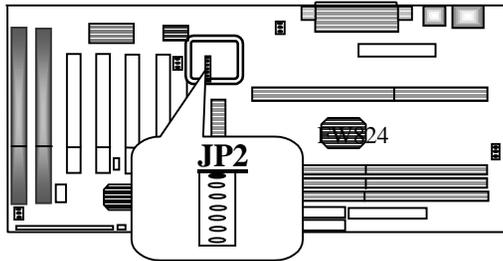
RTC1- BATTERY SELECTOR

CPU Speed PRESS "+" OR "-" TO CHOOSE " CPU SPEED" ACCORDING TO YOUR CPU FREQUENCY. THE SCREEN WILL SHOW THE BELOW OPTIONS:

FREQUENCY 66MHZ	FREQUENCY 100MHZ	MANUAL
P-II 200 v "200MHZ(66X3)"	P-II 300 v "300MHZ(100X3)"	
P-II 233 v "233MHZ(66X3.5)"	P-II 350 v "350MHZ(100X3.5)"	
P-II 266 v "266MHZ(66X4)"	P-II 400 v "400MHZ(100X4)"	
P-II 300 v "300MHZ(66X4.5)"	P-II 450 v "450MHZ(100X4.5)"	
P-II 333 v "333MHZ(66X5)"	P-II 500 v "500MHZ(100X5)"	

NOTE: "MANUAL" --- THE USER CANNOT CONFIGURE IT FOR CPU FREQUENCY. YET, THIS IS NOT BEING RECORDED FOR BIOS SETUP. ADJUSTING "CPU RATIO" & "CPU FREQUENCY," PLEASE MAKE SURE THE SYSTEM CAN WORK PROPERLY.

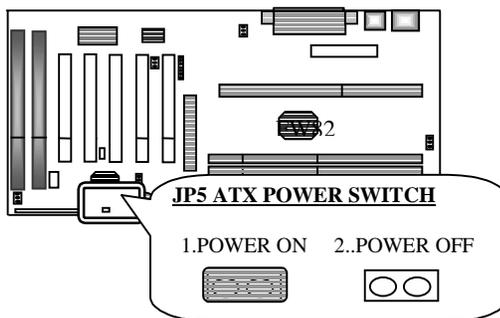
I.R. CONNECTOR PIN OUT						
PIN 1 RX	PIN 2 GND	PIN 3 TX	PIN 4 +5V	PIN 5 RXH	PIN 6 VCC	PIN 7 GND



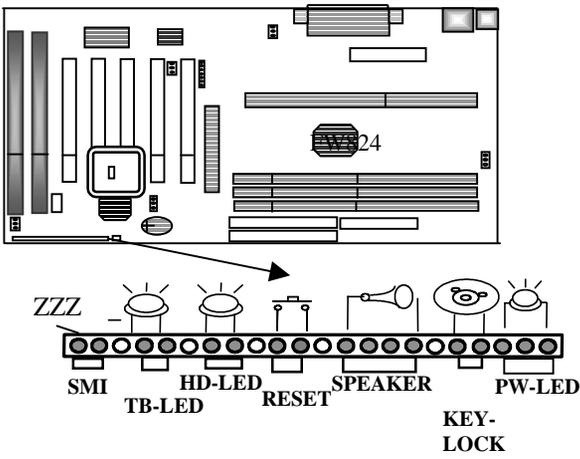
NOTE : IR1 USES THE SAME I/O PORT AS COM2. THERE IS NO ANY HARDWARE JUMPER SETTING FOR IRCON/COM2 ON THIS MAIN BOARD BUT CUSTOMERS NEED TO SET PROPER BIOS SETTING FOR "IRDA1.0","ASKIR" OR "STANDARD"(DEFAULT) UNDER "INFRA RED (IR) FUNCTION" OF "INTEGRATED PERIPHERALS."

JP5: ATX POWER SWITCH

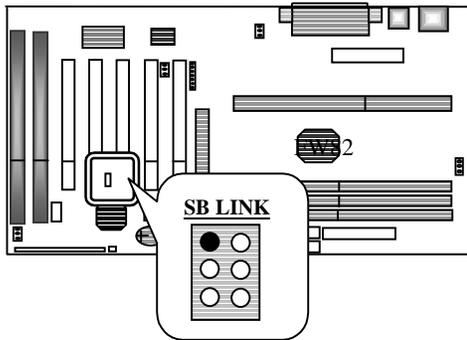
THE SYSTEM POWER IS CONTROLLED BY A MOMENTARY SWITCH (WHEN "POWER SWITCH TYPE" IS SET TO MOMENTARY) CONNECTED TO THIS LEAD. PUSHING THE BUTTON ONCE WILL TURN ON THE SYSTEM AND PUSHING ANOTHER TIME WILL TURN OFF THE SYSTEM. THE SYSTEM POWER LED SHOWS THE STATUS OF THE SYSTEM'S POWER. THIS CONNECTION DOES NOT HAVE A FUNCTION WHEN A STANDARD POWER SUPPLY IS USED.



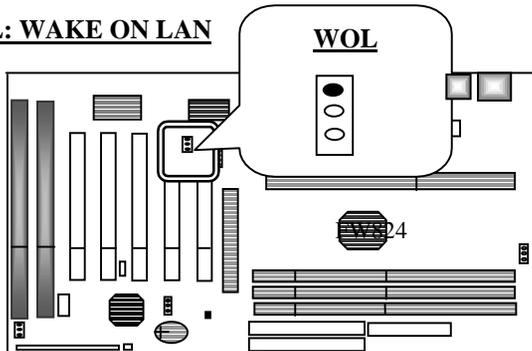
JP6: CASE CONNECTOR



J3: SBLINK

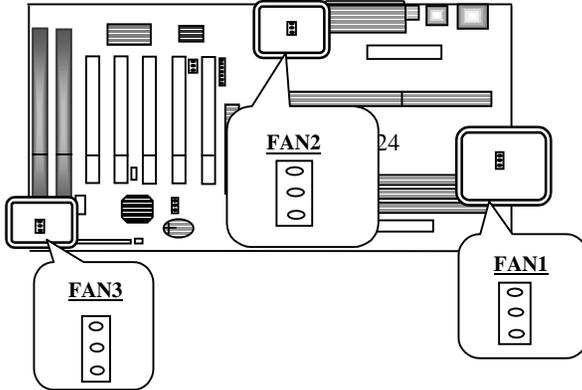


WOL: WAKE ON LAN

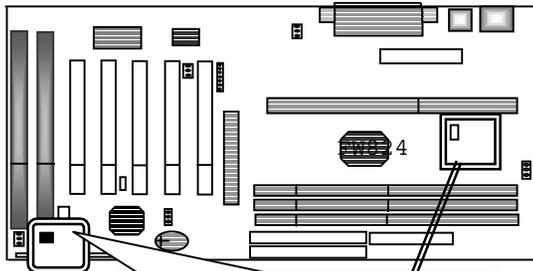


FAN 1/FAN2/FAN3: CPU FAN CONNECTOR

CPU FAN PIN OUT		
PIN 1 SENSOR	PIN2 +12V	PIN3 GND



GL518SM & JP4: THERMISTOR

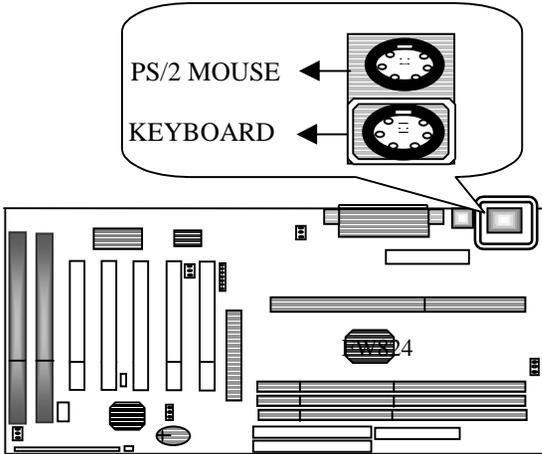


GL518SM

IC " GL518SM" SUPPORTS THE SYSTEM TO AUTOMATICALLY DETECTS CPU FAN SPEED, SYSTEM TEMPERATURE, AND CPU VOLTAGES.

 **JP4: THERMISTOR** (CPU TEMPERATURE SENSOR), WHICH ASSISTS "GL518SM" TO DETECT CPU TEMPERATURE.

J1: KB/PS/2 MOUSE CONNECTOR



COM1/COM2/LPT: SERIAL PORT 1 CONNECTOR, SERIAL PORT 2 CONNECTOR, PRINTER PORT CONNECTOR
USB : USB (UNIVERSAL SERIAL BUS) CONNECTOR

