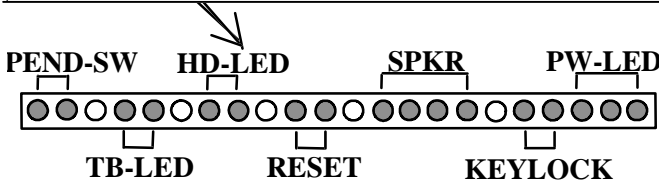
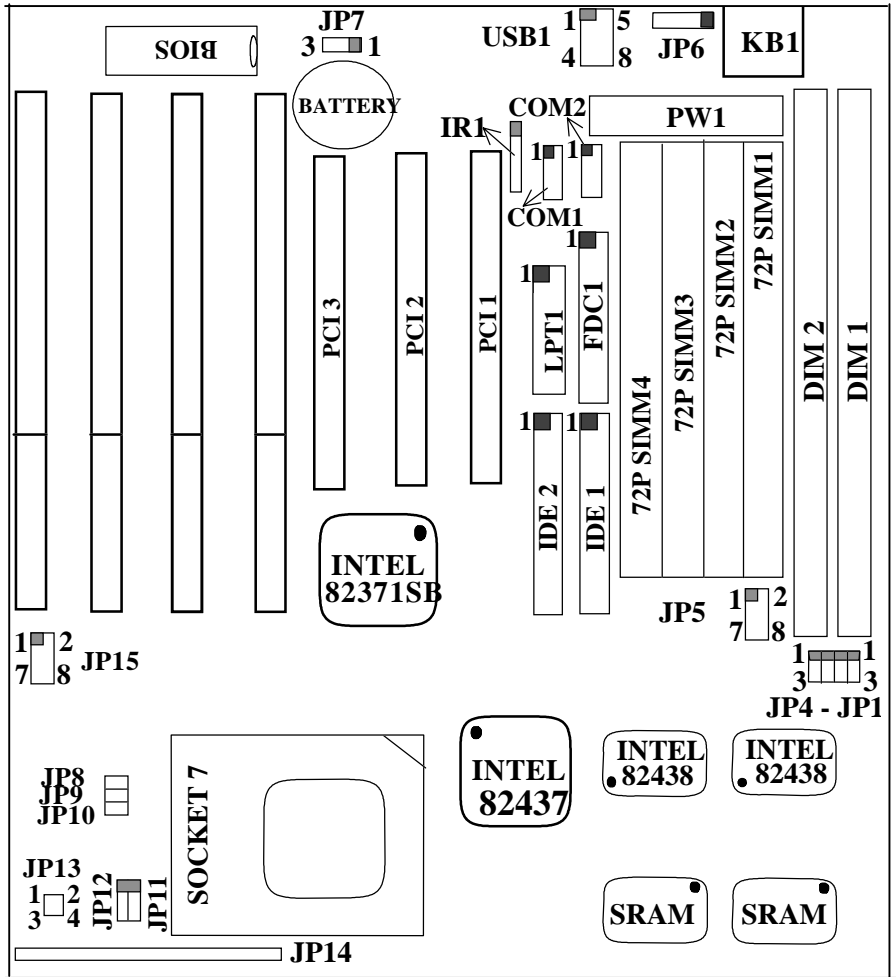


1-1 LAYOUT REFERENCE



1-2 JUMPER SETTINGS

INTEL® PENTIUM ® CPU	CLOCK SPEED	RATIO	JP2	JP3	JP4	JP11	JP12	JP8	JP9 JP10	JP13	JP15
P54C 75 3.3V	50MHZ	1.5	1-2	1-2	1-2	1-2	1-2	ON	OFF	3-4	1-2,5-6,7-8
P54C 90 3.3V	60MHZ	1.5	1-2	1-2	2-3	1-2	1-2	ON	OFF	3-4	1-2,5-6,7-8
P54C 100 3.3V	66MHZ	1.5	1-2	2-3	1-2	1-2	1-2	ON	OFF	3-4	1-2,5-6,7-8
P54C 120 3.3V	60MHZ	2	1-2	1-2	2-3	2-3	1-2	ON	OFF	3-4	1-2,5-6,7-8
P54C 133 3.3V	66MHZ	2	1-2	2-3	1-2	2-3	1-2	ON	OFF	3-4	1-2,5-6,7-8
P54C 150 3.3V	60MHZ	2.5	1-2	1-2	2-3	2-3	2-3	ON	OFF	3-4	1-2,5-6,7-8
P54C 166 3.3V	66MHZ	2.5	1-2	2-3	1-2	2-3	2-3	ON	OFF	3-4	1-2,5-6,7-8
P55C 166 2.8/3.3V	66MHZ	2.5	1-2	2-3	1-2	2-3	2-3	OFF	ON	3-4	7-8
P54C 180 3.3V	60MHZ	3	1-2	1-2	2-3	1-2	2-3	ON	OFF	3-4	1-2,5-6,7-8
P54C 200 3.3V	66MHZ	3	1-2	2-3	1-2	1-2	2-3	ON	OFF	3-4	1-2,5-6,7-8
P55C 200 2.8/3.3V	66MHZ	3	1-2	2-3	1-2	1-2	2-3	OFF	ON	3-4	7-8
P55C 233 2.8/3.3V	66MHZ	3.5	1-2	2-3	1-2	1-2	1-2	OFF	ON	3-4	7-8

AMD CPU	CLOCK SPEED	RATIO	JP2	JP3	JP4	JP11	JP12	JP8	JP9 JP10	JP13	JP15
PR75 3.52V	50MHZ	1.5	1-2	1-2	1-2	1-2	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
PR90/PR120 3.52V	60MHZ	1.5	1-2	1-2	2-3	1-2	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
PR100/PR133 3.52V	66MHZ	1.5	1-2	2-3	1-2	1-2	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
PR150 3.52V	60MHZ	2.5	1-2	1-2	2-3	2-3	2-3	ON	OFF	3-4	1-2,3-4,5-6,7-8
PR166 3.52V	66MHZ	2.5	1-2	2-3	1-2	2-3	2-3	ON	OFF	3-4	1-2,3-4,5-6,7-8
K6 PR166 2.9/3.3V	66MHZ	2.5	1-2	2-3	1-2	2-3	2-3	OFF	ON	3-4	1-2,7-8
K6 PR200 2.9/3.3V	66MHZ	3	1-2	2-3	1-2	1-2	2-3	OFF	ON	3-4	1-2,7-8
K6 PR233 3.2/3.3V	66MHZ	3.5	1-2	2-3	1-2	1-2	1-2	OFF	ON	3-4	5-6,7-8

CYRIX ® CPU	CLOCK SPEED	RATIO	JP2	JP3	JP4	JP11	JP12	JP8	JP9 JP10	JP13	JP15
P120+ 3.52V	50MHZ	2	1-2	1-2	1-2	2-3	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
P133+ 3.52V	55MHZ	2	2-3	1-2	1-2	2-3	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
P150+ 3.52V	60MHZ	2	1-2	1-2	2-3	2-3	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
P166+ 3.52V	66MHZ	2	1-2	2-3	1-2	2-3	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
P200+ 3.52V	75MHZ	2	2-3	1-2	2-3	2-3	1-2	ON	OFF	3-4	1-2,3-4,5-6,7-8
P133+ 2.8/3.3V 6X86L	55MHZ	2	2-3	1-2	1-2	2-3	1-2	OFF	ON	3-4	7-8
P150+ 2.8/3.3V 6X86L	60MHZ	2	1-2	1-2	2-3	2-3	1-2	OFF	ON	3-4	7-8
P166+ 2.8/3.3V 6X86L	66MHZ	2	1-2	2-3	1-2	2-3	1-2	OFF	ON	3-4	7-8
P200+ 2.8/3.3V 6X86L	75MHZ	2	2-3	1-2	2-3	2-3	1-2	OFF	ON	3-4	7-8
MX P166+ 2.9/3.3V	66MHZ	2	1-2	2-3	1-2	2-3	1-2	OFF	ON	3-4	1-2,7-8

EXPLANATION OF JUMPER SETTING

JP2-JP4 CPU & PCI BUS FREQUENCY SELECTOR

	50 MHZ	55 MHZ	60 MHZ	66.6 MHZ	75MHZ
JP2	1-2	2-3	1-2	1-2	2-3
JP3	1-2	1-2	1-2	2-3	1-2
JP4	1-2	1-2	2-3	1-2	2-3

JP8,JP9,JP10 SINGAL /DUAL VOLTAGE CPU SELECTOR

	SINGAL VOLTAGE CPU	DUAL VOLTAGE CPU
JP8	ON	OFF
JP9,JP10	OFF	ON

JP11,JP12 CPU CLOCK SELECTOR

	1.5 X	2.0 X	2.5 X	3.0 X	3.5 X
JP11	1-2	2-3	2-3	1-2	1-2
JP12	1-2	1-2	2-3	2-3	1-2

JP13 SECOND REGULATOR VOLTAGE SELECTOR

	3.52V	3.3V
JP13	1-2	3-4

NOTE : INTEL PENTIUM® P55C MMX AND CYRIX 6X86L CPU SET "3-4"

JP15 VCORE VOLTAGE SELECTOR

JP15	VOLTAGE OUTPUT	JP15	VOLTAGE OUTPUT
1-2, 3-4, 5-6, 7-8	3.50V	1-2, 3-4, 5-6	2.70V
3-4, 5-6, 7-8	3.40V	3-4, 5-6	2.60V
1-2, 5-6, 7-8	3.30V	1-2, 5-6	2.50V
5-6, 7-8	3.20V	5-6	2.40V
1-2, 3-4, 7-8	3.10V	1-2, 3-4	2.30V
3-4, 7-8	3.00V	3-4	2.20V
1-2, 7-8	2.90V	1-2	2.10V
7-8	2.80V	OFF	2.00V

2. JP1 : PCI BUS FREQUENCY SELECTOR (YELLOW JUMPER CAP)

	PCI CLOCK = 32MHZ	PCI CLOCK = CPU CLOCK/2
JP1	1-2 (DEFAULT)	2-3

(PLEASE DON'T CHANGE DEFAULT VALUE)

3. JP5 : DIMM VOLTAGE SELECTOR

	3.3V DIMM	5V DIMM
JP5	1-2, 3-4, 5-6	7-8

4. JP7 : BATTERY SELECTOR (BLACK JUMPER CAP)

	NORMAL	CLEAR CMOS
JP7	1-2 (DEFAULT)	2-3

☞ **CUSTOMER NEEDS TO CLEAR CMOS, THEN RECONFIGURE IT IF FORGETS PASSWORD FOR BIOS SETUP.**

☞ **PS/2 MOUSE CABLE IS OPTIONAL, THE PIN #1 OF CABLE IS YELLOW COLOR.**

5. OTHER JUMPER SETTINGS AND CONNECTORS :

JP6 : PS/2 MOUSE CONNECTOR.

IR1 : INFRA RED (IR) CONNECTOR .

IDE1 :

PRIMARY IDE CONNECTOR.

IDE2 : SECONDARY IDE CONNECTOR

FDC1 : FLOPPY DISK CONNECTOR .

COM1 : SERIAL PORT 1 CONNECTOR.

COM2 : SERIAL PORT 2 CONNECTOR.

LPT1 : PARALLEL PORT CONNECTOR.

USB1 : USB (UNIVERSAL SERIAL BUS) CONNECTOR .

NOTE : USB (UNIVERSAL SERIAL BUS) AND IRCON CONNECTOR ARE OPTIONAL.

6. USB : USB (UNIVERSAL SERIAL BUS) CONNECTOR

USB PIN OUT			
	USB1		USB2
PIN1	+5V	PIN5	+5V
PIN2	USBP0-	PIN6	USBP1-
PIN3	USBP0+	PIN7	USBP1+
PIN4	GND	PIN8	GND

7. IR1 : IRCON (INFRARED) CONNECTOR

IR 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:IRCON USES SAME I/O PORT AS COM2. THERE IS NO ANY HARDWARE JUMPER SETTING FOR IRCON/COM2 ON THIS MAIN BOARD BUT CUSTOMER NEEDS TO SET PROPER BIOS SETTING FOR "HPSIR", "ASKIR" OR "DISABLED"(DEFAULT) UNDER "INFRA RED (IR) FUNCTION" OF "INTEGRATED PERIPHERAL" ACCORDING TO THE FOLLOWING TABLE:

	IRDA 1.0	ASKIR	FIR	DISABLED
(UNDER INTEGRATED PERIPHERALS)"INFRA RED (IR) FUNCTION "	USE IRDA 1.0 ON IRCON.	USE AMPLITUDE SHIFT KEYED IR ON IRCON .	USE FOR FAST IR 4MB/S	USE COM2 (DEFAULT)