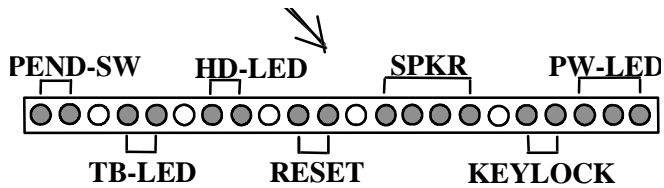
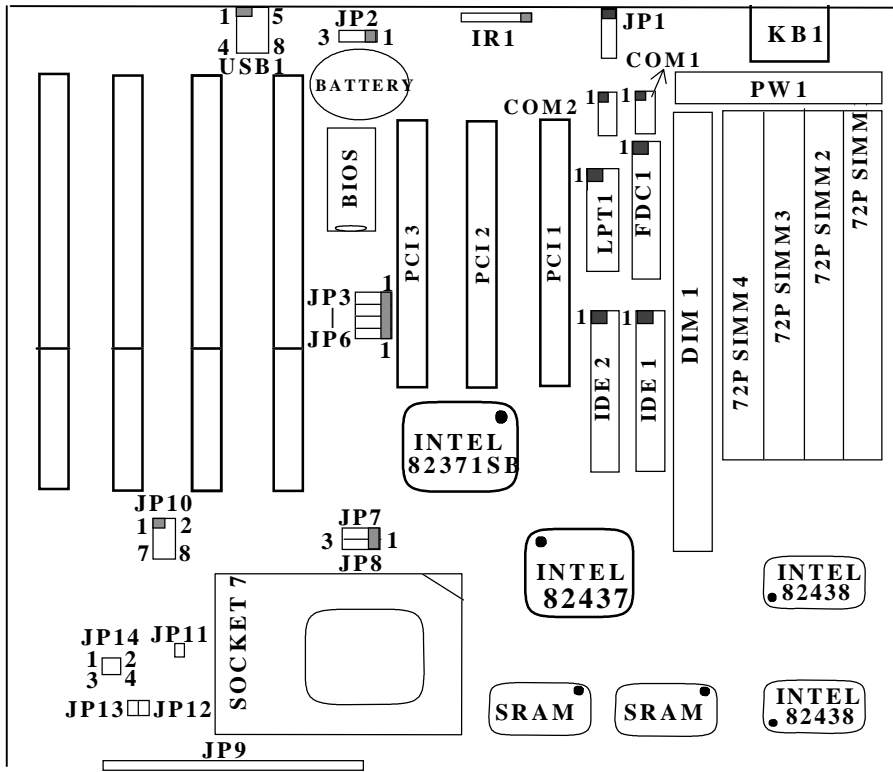


**MAIN BOARD**  
**USER'S MANUAL**  
**(VER : VX1C)**

# 1-1 LAYOUT REFERENCE



## 2-2 JUMPER SETTINGS

INTEL® CPU	CLOCK SPEED	RATIO	JP3	JP4	JP5	JP7	JP8	JP10	JP11	JP12 JP13	JP14
P54C 75 3.3V	(50MHZ)	1.5	1-2	1-2	1-2	1-2	1-2	3-4	ON	OFF	3-4
P54C 90 3.3V	(60MHZ)	1.5	2-3	1-2	1-2	1-2	1-2	3-4	ON	OFF	3-4
P54C 100 3.3V	(66MHZ)	1.5	1-2	2-3	1-2	1-2	1-2	3-4	ON	OFF	3-4
P54C 120 3.3V	(60MHZ)	2	2-3	1-2	1-2	1-2	2-3	3-4	ON	OFF	3-4
P54C 133 3.3V	(66MHZ)	2	1-2	2-3	1-2	1-2	2-3	3-4	ON	OFF	3-4
P54C 150 3.3V	(60MHZ)	2.5	2-3	1-2	1-2	2-3	2-3	3-4	ON	OFF	3-4
P54C 166 3.3V	(66MHZ)	2.5	1-2	2-3	1-2	2-3	2-3	3-4	ON	OFF	3-4
P55C 166 2.8/3.3V	(66MHZ)	2.5	1-2	2-3	1-2	2-3	2-3	7-8	OFF	ON	3-4
P54C 180 3.3V	(60MHZ)	3	2-3	1-2	1-2	2-3	1-2	3-4	ON	OFF	3-4
P54C 200 3.3V	(66MHZ)	3	1-2	2-3	1-2	2-3	1-2	3-4	ON	OFF	3-4
P55C 200 2.8/3.3V	(66MHZ)	3	1-2	2-3	1-2	2-3	1-2	7-8	OFF	ON	3-4
P55C 233 2.8/3.3V	(66MHZ)	3.5	1-2	2-3	1-2	1-2	1-2	7-8	OFF	ON	3-4

AMD ® CPU FOR (PRxxxAB)	CLOCK SPEED	RATIO	JP3	JP4	JP5	JP7	JP8	JP10	JP11	JP12 JP13	JP14
PR75 3.52V	(50MHZ)	1.5	1-2	1-2	1-2	1-2	1-2	1-2	ON	OFF	3-4
PR90/PR120 3.52V	(60MHZ)	1.5	2-3	1-2	1-2	1-2	1-2	1-2	ON	OFF	3-4
PR100/PR133 3.52V	(66MHZ)	1.5	1-2	2-3	1-2	1-2	1-2	1-2	ON	OFF	3-4
PR150 3.52V	(60MHZ)	2.5	2-3	1-2	1-2	2-3	2-3	1-2	ON	OFF	3-4
PR166 3.52V	(66MHZ)	2.5	1-2	2-3	1-2	2-3	2-3	1-2	ON	OFF	3-4
K6 PR166 2.9/3.3V	(66MHZ)	2.5	1-2	2-3	1-2	2-3	2-3	5-6	OFF	ON	3-4
K6 PR200 2.9/3.3V	(66MHZ)	3	1-2	2-3	1-2	2-3	1-2	5-6	OFF	ON	3-4
K6 PR233 3.3/3.3V	(66MHZ)	3.5	1-2	2-3	1-2	1-2	1-2	3-4	OFF	ON	3-4

CYRIX® CPU	CLOCK SPEED	RATIO	JP3	JP4	JP5	JP7	JP8	JP10	JP11	JP12 JP13	JP14
P120+ 3.52V	(50MHZ)	2	1-2	1-2	1-2	1-2	2-3	1-2	ON	OFF	3-4
P133+ 3.52V	(55MHZ)	2	1-2	1-2	2-3	1-2	2-3	1-2	ON	OFF	3-4
P150+ 3.52V	(60MHZ)	2	2-3	1-2	1-2	1-2	2-3	1-2	ON	OFF	3-4
P166+ 3.52V	(66MHZ)	2	1-2	2-3	1-2	1-2	2-3	1-2	ON	OFF	3-4
P200+ 3.52V	(75MHZ)	2	2-3	1-2	2-3	1-2	2-3	1-2	ON	OFF	3-4
P133+ 2.8/3.3V 6X86L	(55MHZ)	2	1-2	1-2	2-3	1-2	2-3	7-8	OFF	ON	3-4
P150+ 2.8/3.3V 6X86L	(60MHZ)	2	2-3	1-2	1-2	1-2	2-3	7-8	OFF	ON	3-4
P166+ 2.8/3.3V 6X86L	(66MHZ)	2	1-2	2-3	1-2	1-2	2-3	7-8	OFF	ON	3-4
P200+ 2.8/3.3V 6X86L	(75MHZ)	2	2-3	1-2	2-3	1-2	2-3	7-8	OFF	ON	3-4
MX P166+ 2.9/3.3V	(66MHZ)	2	1-2	2-3	1-2	1-2	2-3	5-6	OFF	ON	3-4

## EXPLANATION OF JUMPER SETTING

### JP3-JP5 CPU & PCI BUS FREQUENCY SELECTOR

	50 MHZ	55 MHZ	60 MHZ	66.6 MHZ	75MHZ
JP3	1-2	1-2	2-3	1-2	2-3
JP4	1-2	1-2	1-2	2-3	1-2
JP5	1-2	2-3	1-2	1-2	2-3

### JP7,JP8 CPU CLOCK SELECTOR

	1.5 X	2.0 X	2.5 X	3.0 X	3.5 X
JP7	1-2	1-2	2-3	2-3	1-2
JP8	1-2	2-3	2-3	1-2	1-2

### JP10 VCORE VOLTAGE SELECTOR

	3.52V	3.3V	2.9V	2.8V
JP10	1-2	3-4	5-6	7-8

### JP11,JP12,JP13 SINGAL /DUAL VOLTAGE CPU SELECTOR

	SINGAL VOLTAGE CPU	DUAL VOLTAGE CPU
JP11	ON	OFF
JP12,JP13	OFF	ON

### JP14 SECOND REGULATOR VOLTAGE SELECTOR

	3.52V	3.3V
JP14	1-2	3-4

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

### 4. JP6 : PCI BUS FREQUENCY SELECTOR ( YELLOW JUMPER CAP)

	PCI CLOCK = 32MHZ	PCI CLOCK = CPU CLOCK/2
JP6	1-2 (DEFAULT)	2-3

(PLEASE DON'T CHANGE DEFAULT VALUE)

### 5. JP2 : BATTERY SELECTOR (BLACK JUMPER CAP)

	NORMAL	CLEAR CMOS
JP2	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.

6. OTHER JUMPER SETTINGS AND CONNECTORS :

**JP1** : 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.**

7.USB : USB (UNIVERSAL SERIAL BUS) CONNECTOR

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

8. IR1 : IRCON (INFRARED) CONNECTOR

IR CONNECTOR PIN OUT						
<b>PIN 1</b>	<b>PIN 2</b>	<b>PIN 3</b>	<b>PIN 4</b>	<b>PIN 5</b>	<b>PIN 6</b>	<b>PIN 7</b>
RX	GND	TX	+5V	RXH	VCC	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:**

	<b>IRDA 1.0</b>	<b>ASKIR</b>	<b>FIR</b>	<b>DISABLED</b>
(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 <b>(DEFAULT)</b>