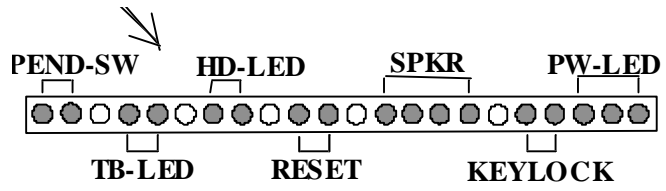
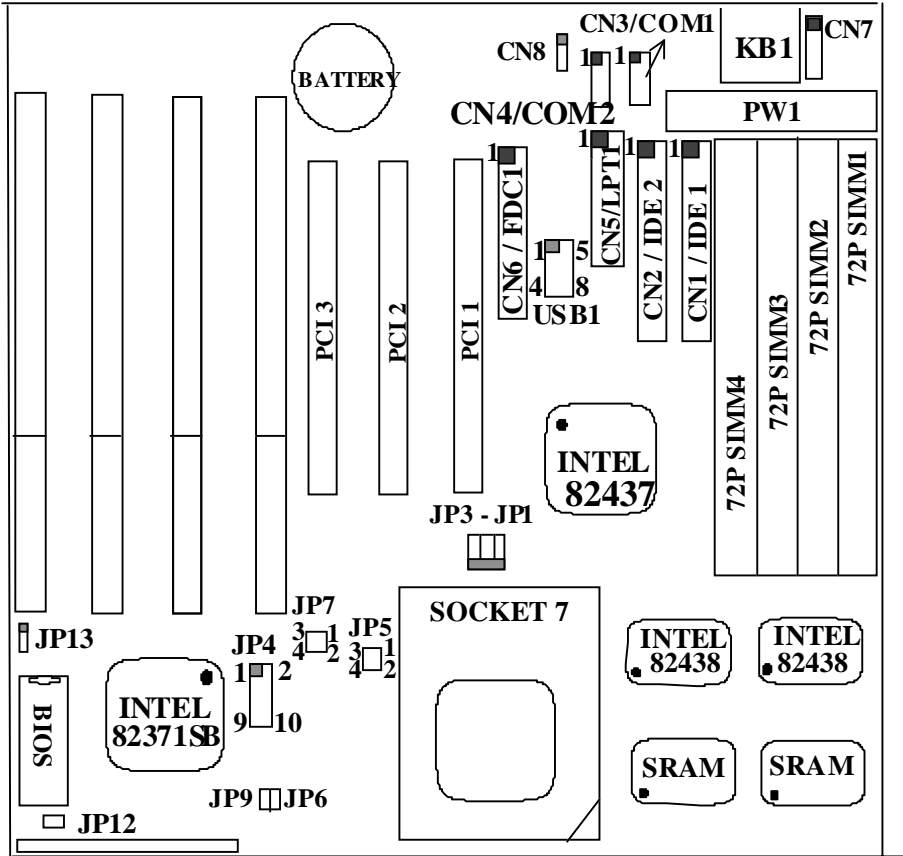


**MAIN BOARD  
USER'S MANUAL  
(VER : VX2C)**

# 1. LAYOUT REFERENCE



## 2 JUMPER SETTINGS

### 1. JP3-JP5, JP7, JP8, JP11-JP14 CPU TYPE SELECTOR

INTEL PENTIUM® CPU		CLOCK SPEED	RATIO	JP1	JP2	JP3	JP4	JP5	JP6	JP7	JP9
P54C 75	3.3V	(50MHZ)	1.5	1-2	1-2	1-2	3-4	OFF	OFF	1-2,3-4	OFF
P54C 90	3.3V	(60MHZ)	1.5	2-3	1-2	1-2	3-4	OFF	OFF	1-2,3-4	OFF
P54C 100	3.3V	(66MHZ)	1.5	1-2	2-3	1-2	3-4	OFF	OFF	1-2,3-4	OFF
P54C 120	3.3V	(60MHZ)	2	2-3	1-2	1-2	3-4	OFF	OFF	1-2,3-4	ON
P54C 133	3.3V	(66MHZ)	2	1-2	2-3	1-2	3-4	OFF	OFF	1-2,3-4	ON
P54C 150	3.3V	(60MHZ)	2.5	2-3	1-2	1-2	3-4	OFF	ON	1-2,3-4	ON
P54C 166	3.3V	(66MHZ)	2.5	1-2	2-3	1-2	3-4	OFF	ON	1-2,3-4	ON
P55C 166	2.8/3.3V	(66MHZ)	2.5	1-2	2-3	1-2	7-8	1-2,3-4	ON	OFF	ON
P54C 180	3.3V	(60MHZ)	3	2-3	1-2	1-2	3-4	OFF	ON	1-2,3-4	OFF
P54C 200	3.3V	(66MHZ)	3	1-2	2-3	1-2	3-4	OFF	ON	1-2,3-4	OFF
P55C 200	2.8/3.3V	(66MHZ)	3	1-2	2-3	1-2	7-8	1-2,3-4	ON	OFF	OFF
*P55C 233	2.8/3.3V	(66MHZ)	3.5	1-2	2-3	1-2	7-8	1-2,3-4	OFF	OFF	OFF
AMD® CPU		CLOCK SPEED	RATIO	JP1	JP2	JP3	JP4	JP5	JP6	JP7	JP9
PR75	3.52V	(50MHZ)	1.5	1-2	1-2	1-2	1-2	OFF	OFF	1-2,3-4	OFF
PR90/PR120	3.52V	(60MHZ)	1.5	2-3	1-2	1-2	1-2	OFF	OFF	1-2,3-4	OFF
PR100/PR133	3.52V	(66MHZ)	1.5	1-2	2-3	1-2	1-2	OFF	OFF	1-2,3-4	OFF
PR150	3.52V	(60MHZ)	2.5	2-3	1-2	1-2	1-2	OFF	ON	1-2,3-4	ON
PR166	3.52V	(66MHZ)	2.5	1-2	2-3	1-2	1-2	OFF	ON	1-2,3-4	ON
*K6 PR166	2.9/3.3V	(66MHZ)	2.5	1-2	2-3	1-2	5-6	1-2,3-4	ON	OFF	ON
*K6 PR200	2.9/3.3V	(66MHZ)	3	1-2	2-3	1-2	5-6	1-2,3-4	ON	OFF	OFF
*K6 PR233	3.3/3.3V	(66MHZ)	3.5	1-2	2-3	1-2	3-4	1-2,3-4	OFF	OFF	OFF
CYRIX® CPU		CLOCK SPEED	RATIO	JP1	JP2	JP3	JP4	JP5	JP6	JP7	JP9
P120+	3.52V	(50MHZ)	2	1-2	1-2	1-2	1-2	OFF	OFF	1-2,3-4	ON
P133+	3.52V	(55MHZ)	2	1-2	1-2	2-3	1-2	OFF	OFF	1-2,3-4	ON
P150+	3.52V	(60MHZ)	2	2-3	1-2	1-2	1-2	OFF	OFF	1-2,3-4	ON
P166+	3.52V	(66MHZ)	2	1-2	2-3	1-2	1-2	OFF	OFF	1-2,3-4	ON
P200+	3.52V	(75MHZ)	2	2-3	1-2	2-3	1-2	OFF	OFF	1-2,3-4	ON
P133+ 2.8V 6X86L		(55MHZ)	2	1-2	1-2	2-3	7-8	1-2,3-4	OFF	OFF	ON
P150+ 2.8V 6X86L		(60MHZ)	2	2-3	1-2	1-2	7-8	1-2,3-4	OFF	OFF	ON
P166+ 2.8V 6X86L		(66MHZ)	2	1-2	2-3	1-2	7-8	1-2,3-4	OFF	OFF	ON
P200+ 2.8V 6X86L		(75MHZ)	2	2-3	1-2	2-3	7-8	1-2,3-4	OFF	OFF	ON

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## CHAPTER 2. INSTALLATION

### EXPLANATION OF JUMPER SETTING

#### JP1-JP3 CPU & PCI BUS FREQUENCY SELECTOR

	50 MHZ	55 MHZ	60 MHZ	66.6 MHZ	75MHZ
JP1	1-2	1-2	2-3	1-2	2-3
JP2	1-2	1-2	1-2	2-3	1-2
JP3	1-2	2-3	1-2	1-2	2-3

#### JP4 : VCORE VOLTAGE SELECT

	3.52 V	3.3V	2.9V	2.8V	RESERVED
JP4	1-2	3-4	5-6	7-8	9-10

#### JP5,JP7 SINGLE /DUAL VOLTAGE CPU SELECTOR

	SINGLE VOLTAGE CPU	DUAL VOLTAGE CPU
JP5	OFF	1-2, 3-4
JP7	1-2, 3-4	OFF

#### JP6,JP9 CPU CLOCK SELECTOR

	1.5 X	2.0 X	2.5 X	3.0 X	3.5 X
JP6	OFF	OFF	ON	ON	OFF
JP9	OFF	ON	ON	OFF	OFF

#### 2. JP12 : BATTERY SELECTOR (BLACK JUMPER CAP)

	NORMAL	CLEAR CMOS
JP12	OFF (DEFAULT)	ON

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

#### 3.JP13 : FLASH ROM VOLTAGE SELECTOR

	5V FLASH ROM	12V FLASH ROM
JP13	1-2	2-3

4. OTHER JUMPER SETTINGS AND CONNECTORS :

- CN1    PRIMARY IDE CONNECTOR.
- CN2    : SECONDARY IDE CONNECTOR
- CN3    : SERIAL PORT 1 CONNECTOR.
- CN4    : SERIAL PORT 2 CONNECTOR.
- CN5    : PARALLEL PORT CONNECTOR.
- CN6    : FLOPPY DISK CONNECTOR .
- CN7    : PS/2 MOUSE CONNECTOR.
- CN8    : INFRA RED(IR)CONNECTOR .
- USB1   : USB (UNIVERSAL SERIAL BUS)CONNECTOR .

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

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

5.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

# P

## 6. IR1 : IRCON (INFRARED) CONNECTOR

IRCON PIN OUT					
PIN 1	R	PIN 2	GN	PIN 3	TXPIN 4 +5V

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 "INTEGRATEDPERIPHERAL " ACCORDING TO THE FOLLOWING TABLE:

	<b>HPSIR</b>	<b>ASKIR</b>	<b>DISABLED</b>
(UNDER INTEGRATED PERIPHERALS) " INFRA RED (IR) FUNCTION "	USE HEWLETT PACKARD IR ON IRCON.	USE AMPLITUDE SHIFT KEYED IR ON IRCON .	USE COM2 (DEFAULT)