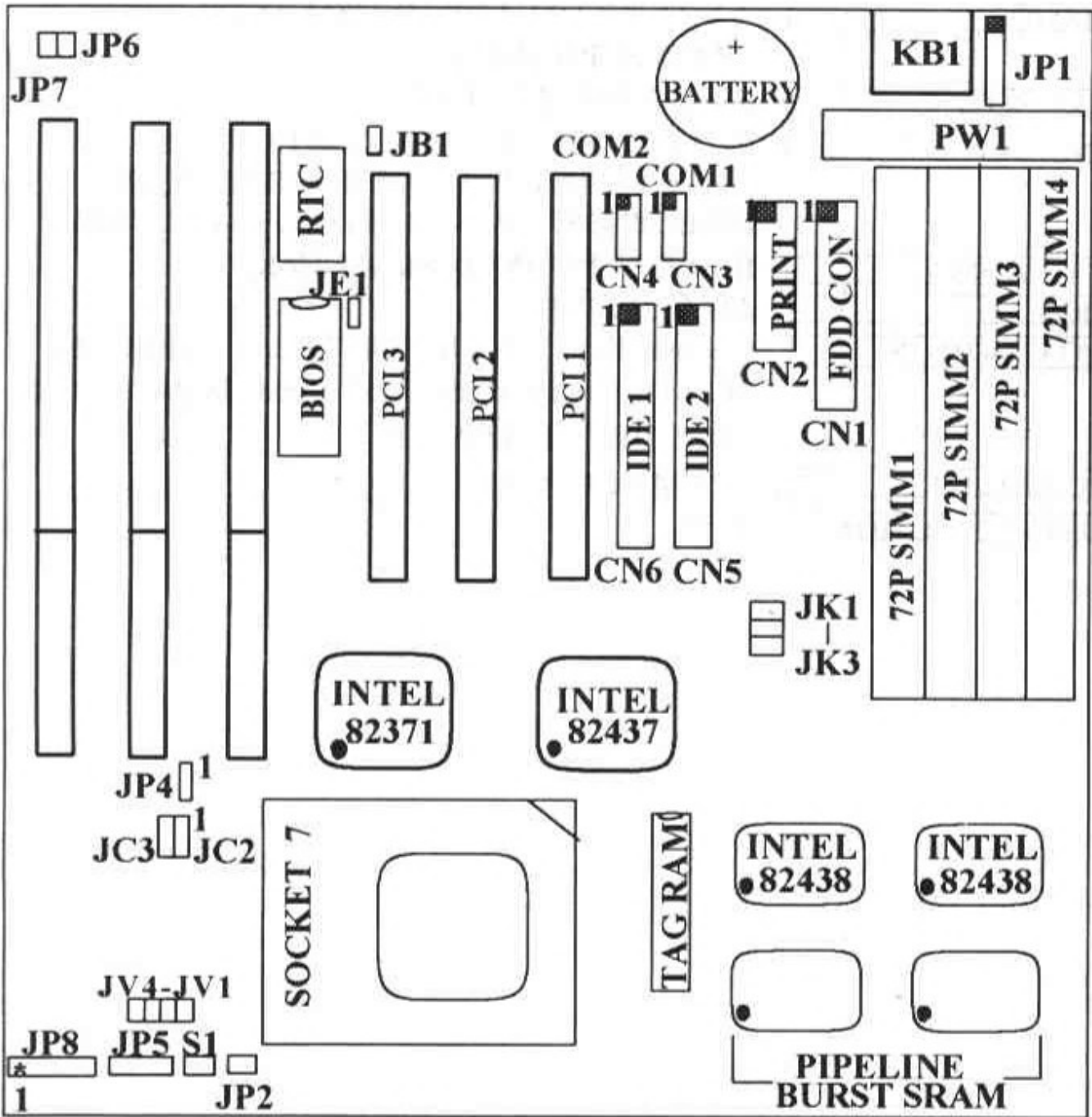


CHAPTER 2. INSTALLATION  
2-1 LAYOUT REFERENCE



- JP2 : HDD LED
- JP5 : SPEAKER
- JP8 : KEYLOCK
- S1 : RESET

**2-2 PENTIUM PI JUMPER SETTINGS**

1. JK1-JK3,JC2,JC3,JP4 : INTEL/CYRIX /AMD CPU CLOCK SELECTOR  
(RED/ YELLOW JUMPER CAP)

| CPU SPEED                     | CLOCK SPEED | RATIO | JK1 | JK2 | JK3 | JC2 | JC3 | JP4 |
|-------------------------------|-------------|-------|-----|-----|-----|-----|-----|-----|
| INTEL 75 MHZ<br>AMD 5K86 -P75 | (50MHZ)     | 1.5   | ON  | ON  | OFF | 1-2 | 1-2 | 1-2 |
| CYRIX P120 +                  | (50MHZ)     | 2     | ON  | ON  | OFF | 1-2 | 2-3 | 2-3 |
| INTEL 90 MHZ                  | (60MHZ)     | 1.5   | ON  | OFF | ON  | 1-2 | 1-2 | 2-3 |
| INTEL 100 MHZ                 | (66MHZ)     | 1.5   | ON  | ON  | ON  | 1-2 | 1-2 | 2-3 |
| INTEL 120 MHZ<br>CYRIX P150 + | (60MHZ)     | 2     | ON  | OFF | ON  | 1-2 | 2-3 | 2-3 |
| INTEL 133 MHZ<br>CYRIX P160 + | (66MHZ)     | 2     | ON  | ON  | ON  | 1-2 | 2-3 | 2-3 |
| INTEL 150 MHZ                 | (60MHZ)     | 2.5   | ON  | OFF | ON  | 2-3 | 2-3 | 2-3 |
| INTEL 166 MHZ                 | (66MHZ)     | 2.5   | ON  | ON  | ON  | 2-3 | 2-3 | 2-3 |

**NOTE : THIS MAIN BOARD DOESN'T SUPPORT CYRIX P133+ CPU SINCE IT DOESN'T GENERATE 55MHZ CLOCK SPEED. FOR CYRIX P133+, PLEASE SET JUMPER SETTING OF P133+ AS P120+.**

**NOTE : 1. PCI CLOCK = SYSTEM CLOCK / 2**

**2. JP4 IS SET AS " 1-2 " ONLY WHEN CPU IS 75MHZ .**

2. JV1,JV2,JV3,JV4 : CPU VOLTAGE SELECTOR (BLACK JUMPER CAP)

|     | P54C 3.3V (DEFAULT) | P55CT |
|-----|---------------------|-------|
| JV1 | ON                  | OFF   |
| JV2 | ON                  | OFF   |
| JV3 | ON                  | OFF   |
| JV4 | ON                  | OFF   |

3. JP7 : MONITOR TYPE SELECTOR (BLACK JUMPER CAP)

|     | COLOR         | MONOCHROME |
|-----|---------------|------------|
| JP7 | OFF (DEFAULT) | ON         |

4. JB1 : BATTERY SELECTOR (BLACK JUMPER CAP)

|     | NORMAL        | CLEAR CMOS |
|-----|---------------|------------|
| JB1 | OFF (DEFAULT) | ON         |

☞ **IF YOU FORGET PASSWORD, YOU MUST CLEAR CMOS RAM AND RECONFIGURE THE SYSTEM.**

5. PS/2 MOUSE SELECTOR (BLACK JUMPER CAP)

|     | ENABLED | DISABLED |
|-----|---------|----------|
| JP6 | ON      | OFF      |

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

6. OTHER JUMPER SETTINGS AND CONNECTORS :

- JP1** : PS/2 MOUSE CONNECTOR.
- JP2** : ONBOARD HDD LED CONNECTOR.
- JP5** : SPEAKER CONNECTOR.
- JP8** : KEYLOCK CONNECTOR.
- S1** : RESET CONNECTOR
- CN1** : FLOPPY DISK CONNECTOR .
- CN2** : PARALLEL PORT CONNECTOR.
- CN3** : SERIAL PORT 1 CONNECTOR.
- CN4** : SERIAL PORT 2 CONNECTOR.
- CN5** : SECONDARY IDE CONNECTOR
- CN6** : PRIMARY IDE CONNECTOR.

**2-3 MEMORY CONFIGURATION**

There are no jumpers for the DRAM configuration. The BIOS will test the DRAM type and size automatically. There are two banks(\*) from SIMM1 to SIMM4 on main board. Please follow SIMM1, then 2,3,4 to install memory(\*\*). DRAM speed must be 70ns or faster. Both types of DRAM SIMM with parity (x36) or non-parity (x32) are acceptable.

| SIMM1 | SIMM2 | SIMM3 | SIMM4 | TOTAL     |
|-------|-------|-------|-------|-----------|
| 4MB   | 4MB   | ---   | ---   | 8MBytes   |
| 4MB   | 4MB   | 4MB   | 4MB   | 16MBytes  |
| 8MB   | 8MB   | ---   | ---   | 16MBytes  |
| 4MB   | 4MB   | 8MB   | 8MB   | 24MBytes  |
| 8MB   | 8MB   | 4MB   | 4MB   | 24MBytes  |
| 8MB   | 8MB   | 8MB   | 8MB   | 32MBytes  |
| 16MB  | 16MB  | ---   | ---   | 32MBytes  |
| 16MB  | 16MB  | 4MB   | 4MB   | 40MBytes  |
| 8MB   | 8MB   | 16MB  | 16MB  | 48MBytes  |
| 16MB  | 16MB  | 8MB   | 8MB   | 48MBytes  |
| 16MB  | 16MB  | 16MB  | 16MB  | 64MBytes  |
| 32MB  | 32MB  | ---   | ---   | 64MBytes  |
| 4MB   | 4MB   | 32MB  | 32MB  | 72MBytes  |
| 8MB   | 8MB   | 32MB  | 32MB  | 80MBytes  |
| 32MB  | 32MB  | 8MB   | 8MB   | 80MBytes  |
| 16MB  | 16MB  | 32MB  | 32MB  | 96MBytes  |
| 32MB  | 32MB  | 16MB  | 16MB  | 96MBytes  |
| 32MB  | 32MB  | 32MB  | 32MB  | 128MBytes |

(\*) EACH BANK CONTAINS TWO SIMM SOCKETS AND MUST BE INSTALLED BY TWO EXACT SAME SIMMs.

(\*\*) OR FOLLOW THE SIMM 4, 3, SIMM 2, 1 TO INSTALL SIMMs SINCE THIS BOARD HAS " AUTO-BANK " FEATURE.