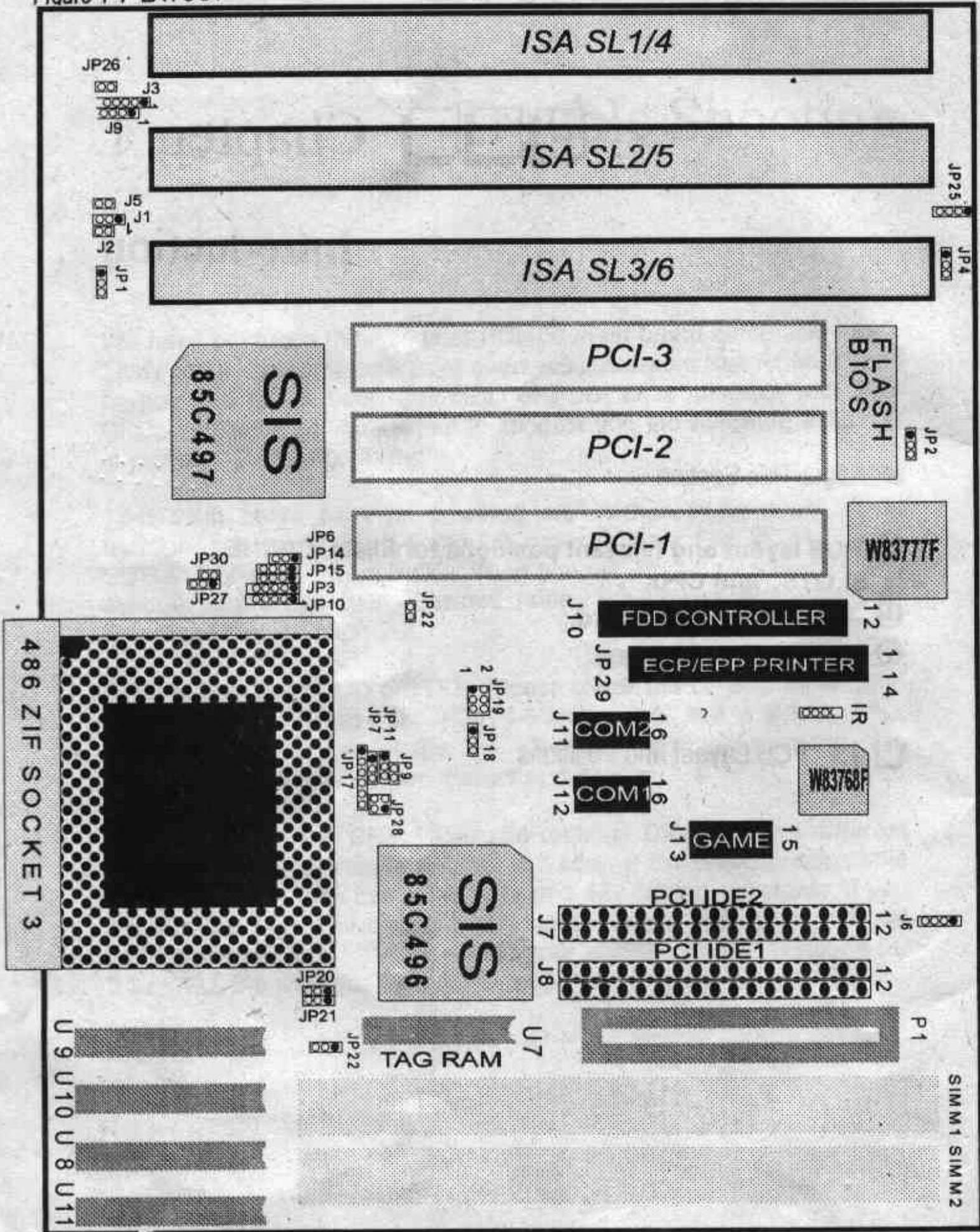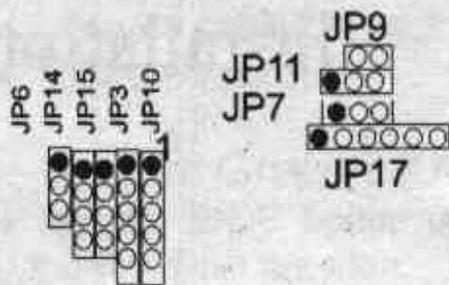Figure 1-1 LAYOUT

☐ 2.2 Set The CPU Relevant Jumpers To Correctly Configure The CPU Type, CPU Clock And CPU Voltage

FIGURE FOR CPU TYPE

•CPU Type: There are Intel, AMD, Cyrix, UMC and other compatible CPU. Essentially, make sure which type of CPU you use and set the jumpers. The following figure is to indicate the position of JUMPERs.

☞ * AMD 486DXL2-80 CPU: JP15 must 3-4 short. If not, the CPU run-in clock by 3 and speed as 120Mhz
☞ ** AMD 486DXL4-120 CPU: JP15 must 3-4 short. If not, the CPU run-in clock by 4 and other speed.

	JP6	JP14	JP15	JP3	JP10	JP9	JP11	JP7	JP17
	PERR	NMI	INIT/AMD2	SMI	HITM	CACHE	HPCL	STP	SACT
Intel DX4/Cyrix M1sc AMD 486DXLX-120	2-3	1-2, 3-4	1-2	1-2	OPEN	OPEN	2-3	1-2	1-2
Intel DX2-66/Green	2-3	1-2, 3-4	1-2	1-2	OPEN	OPEN	2-3	1-2	1-2
Intel P24T	2-3	1-2, 3-4	OPEN	1-2	OPEN	OPEN	1-2	1-2	1-2
Intel P24D	2-3	1-2, 3-4	1-2	1-2	1-2		1-2	1-2	1-2
486DX	2-3	1-2, 3-4	OPEN	OPEN	OPEN	OPEN	2-3	OPEN	OPEN
486DX-SL/Green	2-3	1-2, 3-4	1-2	1-2	OPEN	OPEN	2-3	1-2	1-2
486SX	OPEN	2-3	OPEN	OPEN	OPEN	OPEN	2-3	OPEN	OPEN
486SX-SL/Green	1-2	2-3	1-2	1-2	OPEN	OPEN	2-3	1-2	1-2
AMD 486DXL4-100	2-3	1-2, 3-4	1-2	4-5	4-5	OPEN	2-3	2-3	4-5
AMD 486DXL2-80	2-3	1-2, 3-4	1-2, 3-4	4-5	4-5	OPEN	2-3	2-3	4-5
Cyrix DX/DX2/DX4	1-2	1-2, 3-4	2-3	2-3	2-3	OPEN	2-3	1-2	2-3
Cyrix CX486S2	1-2	2-3	2-3	2-3	2-3	OPEN	2-3	1-2	2-3

* AMD 4886DXL4-100 IS DEFAULT SETTING

- CORE CPU Speed:

CPU SPEED	BUS SPEED	JP19	JP18
25/50Mhz	25Mhz	1-2 short	2-3
33/66/100Mhz	**33Mhz**	**OPEN**	**2-3**
40/80/120Mhz	40Mhz	3-4, 5-6 short	2-3
50MHz	50Mhz	1-2 short	1-2

FIGURE FOR CPU FREQUENCY
DEFULT SETTING

JP19   JP18

2 [o o o] 6   [O ● ●]
1 [o o o] 5   1
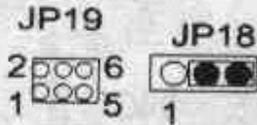
JP22: Short: 40Mhz down to 8Mhz on green mode, default. Open: 40Mhz only.

- CPU Voltage:

	JP27	JP30	JP28
Intel 3.3v	1-2	open	open
AMD 3.45v	**2-3**	**open**	**open**
CYRIX 3.6v	open	short	open
5v CPU	X	X	1-3, 2-4

FIGURE FOR CPU VOLTAGE
DEFAULT SETTING

JP28

JP30   1   JP27   1 [O O] 2
[O O]   3 [O O] 4
[O O]
[● ●]
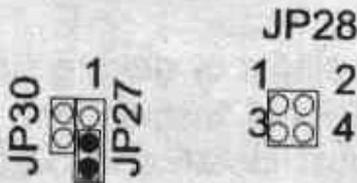
□ 2.3 Install And Configure The System Level Two Cache Memory

Cache	JP20	JP21	TAG RAM/U7	CACHE RAM/U8-11
128K	1-2	1-2	8K*8	32K*8
256K	1-2	2-3	32K*8	64K*8
512K	2-3	2-3	32K*8	128K*8

J5: RESET. When you use RESET, please press the button and hold it 1-2 second, otherwise, you have to press twice button to get RESET function.

Battery Supply Type:

	J6	JP25
On board LI battery	2-3 (DEFAULT)	1-2
External battery	OPEN (external battery connector)	1-2
Clear CMOS Data	3-4	X
Reset RTC	X	2-3

Flash BIOS Mode

	JP4
Read Only Mode	2-3, Non upgradeable
Write Mode	1-2, Upgradeable

To safe your FLASH BIOS, we set the default position at 2-3 read only. As soon as you need to upgrade the BIOS, you set 1-2.

JP18: PCI Speed Selection
2-3: Same CPU speed for CPU 25/33MHz (DEFAULT)
1-2: 1/2 CPU speed for CPU 40/50MHz

☐ 2.6 I/O Address and IRQ/DRQ

I/O Address and IRQ

On Board I/O	Address	IRQ	DRQ
GAME	200-20F	X	X
COM1	3F8-3FF	4	X
COM2	2F8-2FF	3	X
COM3	3E8-3EF	3	X
COM4	2E8-2EF	3	X
IDE1	1F0-1F7	14	X
IDE2	170-177	15	X
LPT1	378-37F	7	3 (ECP)
LPT2	278-27F	7	3 (ECP)
LPT3	3BC-3BF	7	3 (ECP)
FDD1	3F0-3F7	6	2