

JT-586SV4 (Joss Technology LTD) - manual

**Warning: All information Below
is from the original manual
usage of the information is at own
Risk**

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Unpacking the Mainboard

The JT586SV4 Mainboard comes packed in a sturdy cardboard shipping carton. The packing contains:

- The JT586SV4 Mainboard
- Diskette for VGA Driver and Enhanced IDE Device Drive
- This user manual
- Cable set for I/O Device

Note: Do not remove the mainboard from its original packing until ready to

The JT586SV4 Mainboard is easily damaged by static electricity. Observe the following precautions while unpacking and installing the mainboard

1. Touch an unpainted area of the system before handling the mainboard or any component. Doing so

discharges the static charge user's body may have built.

2. Remove the mainboard from its anti-static wrapping and place it on a ground surface, component side up

3. Inspect the mainboard for damage. Shipping may have loosened components from their sockets. If any component appears loose, press carefully to seat it firmly in its socket

Do not apply power supply if the mainboard appears damaged. If there is damage to the board, or items are missing, contact dealer immediately.

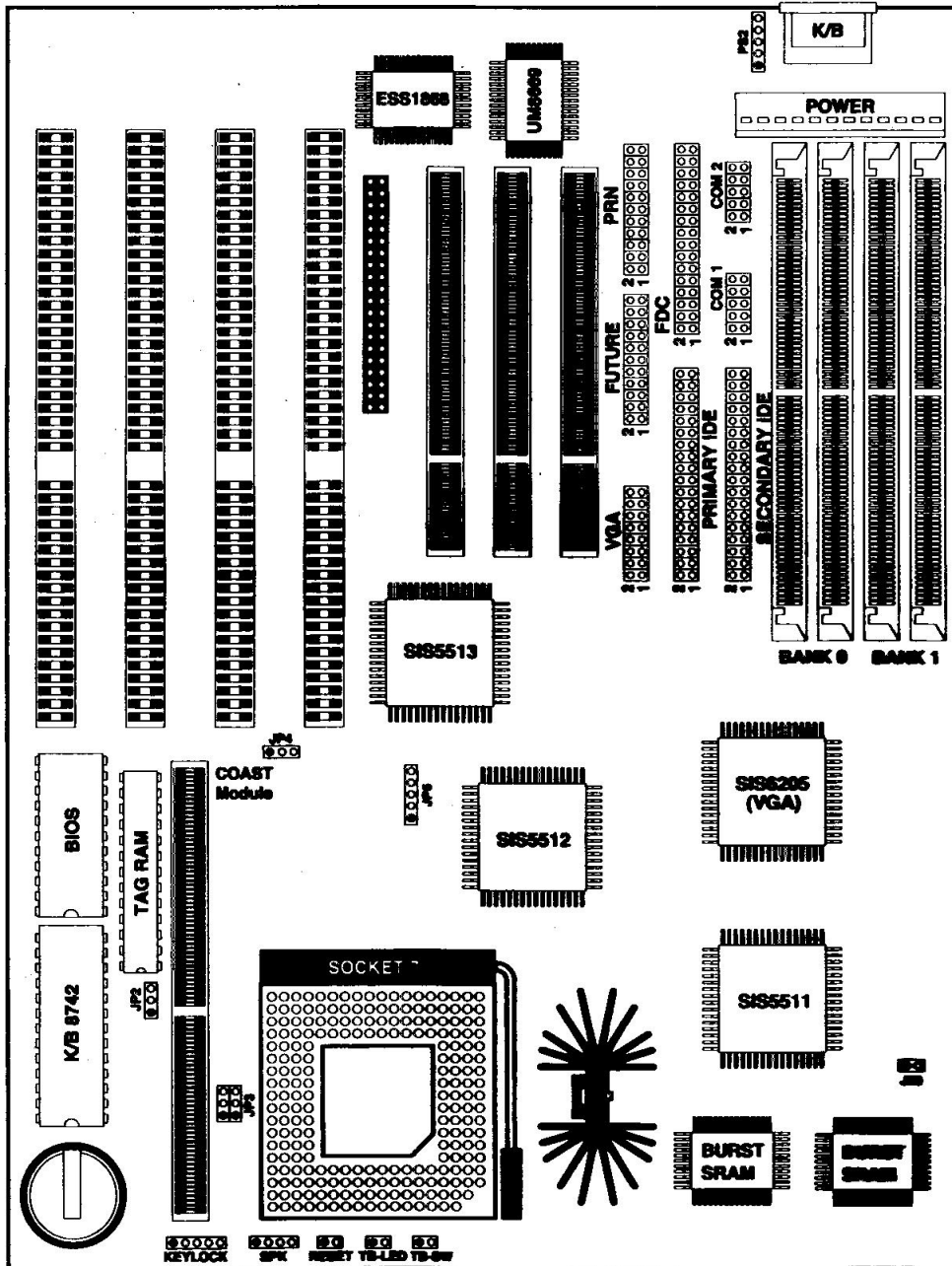
Note: Jumper (Shunt) convention of JT586SV4:

Red : Clock setting

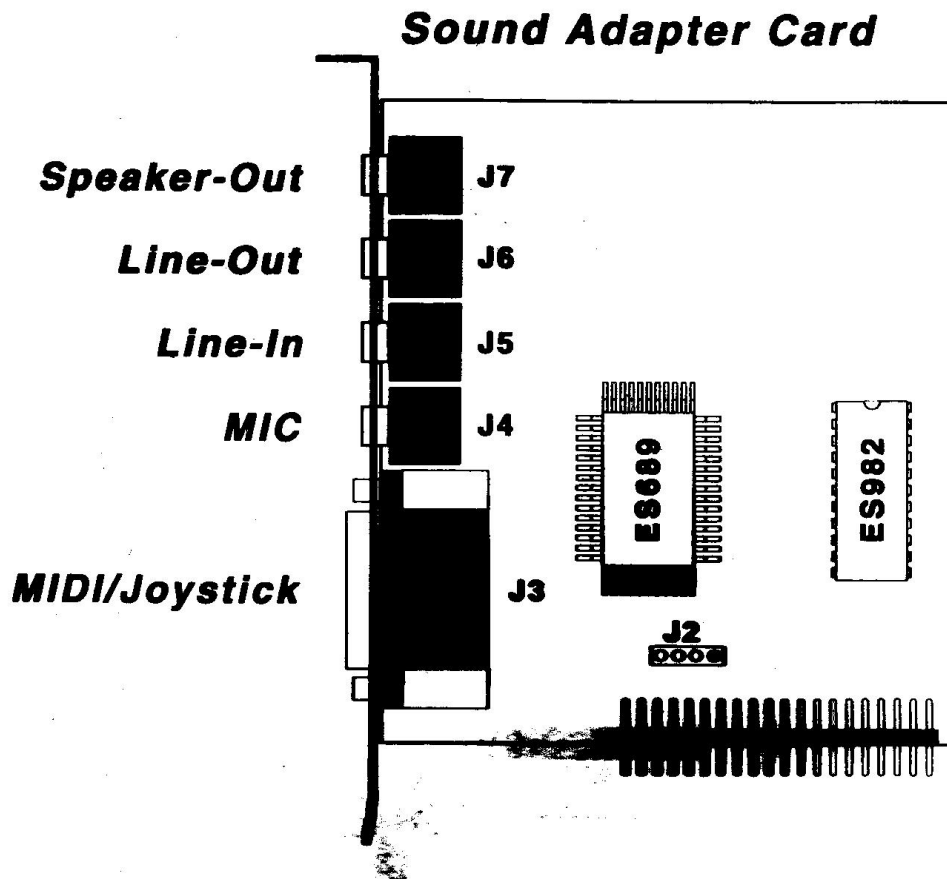
Yellow : Cache size setting

Black : Others

Overview of Mainboard



Click to enlarge



Click to enlarge

Chapter 1 Easy Quick Jumper Settings

1.1 CPU Speed Selection

For Intel CPU Jump Setting:

Mhz	200	180	166	150	133	120	100	90	75
JP3	3-5	3-5	3-5	3-5	1-3	1-3	1-3	1-3	1-3
	2-4	2-4	4-6	4-6	4-6	4-6	2-4	2-4	2-4
JP5	2-3	4-5	2-3	4-5	2-3	4-5	2-3	4-5	1-2

For Cyrix 6x86 CPU Jump Setting:

Mhz	133 (P166)	120 (P150)	110 (P133)	100 (P120)
JP3	1-3	1-3	1-3	1-3
	4-6	4-6	4-6	4-6
JP5	2-3	4-5	3-4	1-2

For AMD 5K86 CPU Jump Setting:

Mhz	P75	P90
JP3	1-3	1-3
	2-4	2-4
JP5	1-2	4-5

1.2 Other Jumper Settings

JP13	1-2	2-3		JP9	1-2	2-3
P54C*	3.3V	3.45V		P55C	2.9V	2.5V*

JP10, JP11, JP12 P54C / P55C Voltage select (* = default)

	JP10	JP11	JP12
P54C*	1-2*	1-2*	1-2*
P55C	2-3	2-3	2-3

*** Default jump setting for P54C CPU**

JP2 SRAM Size Setting

	256K	512K
JP2	2-3	1-2

Jumper Description

JP4	CMOS CLEAR (2-3)	J11	PRINT PORT
J1	KEY-LOCK	J12	PRIMARY IDE
J2	SPEAKER	J13	FLOPPY CONNECTOR
J3	HARDWARE RESET	J14	PS/2 MOUSE

J4	TURBO LED	J15	SECONDARY IDE
J5	TURBO SWITCH	J16	COM1
J7	AUDIO CONNECTOR	J17	COM2
J9	VGA CONNECTOR	J19	POWER CONNECTOR
J10	FEATURE CONNECTOR	J20	HDD-LED