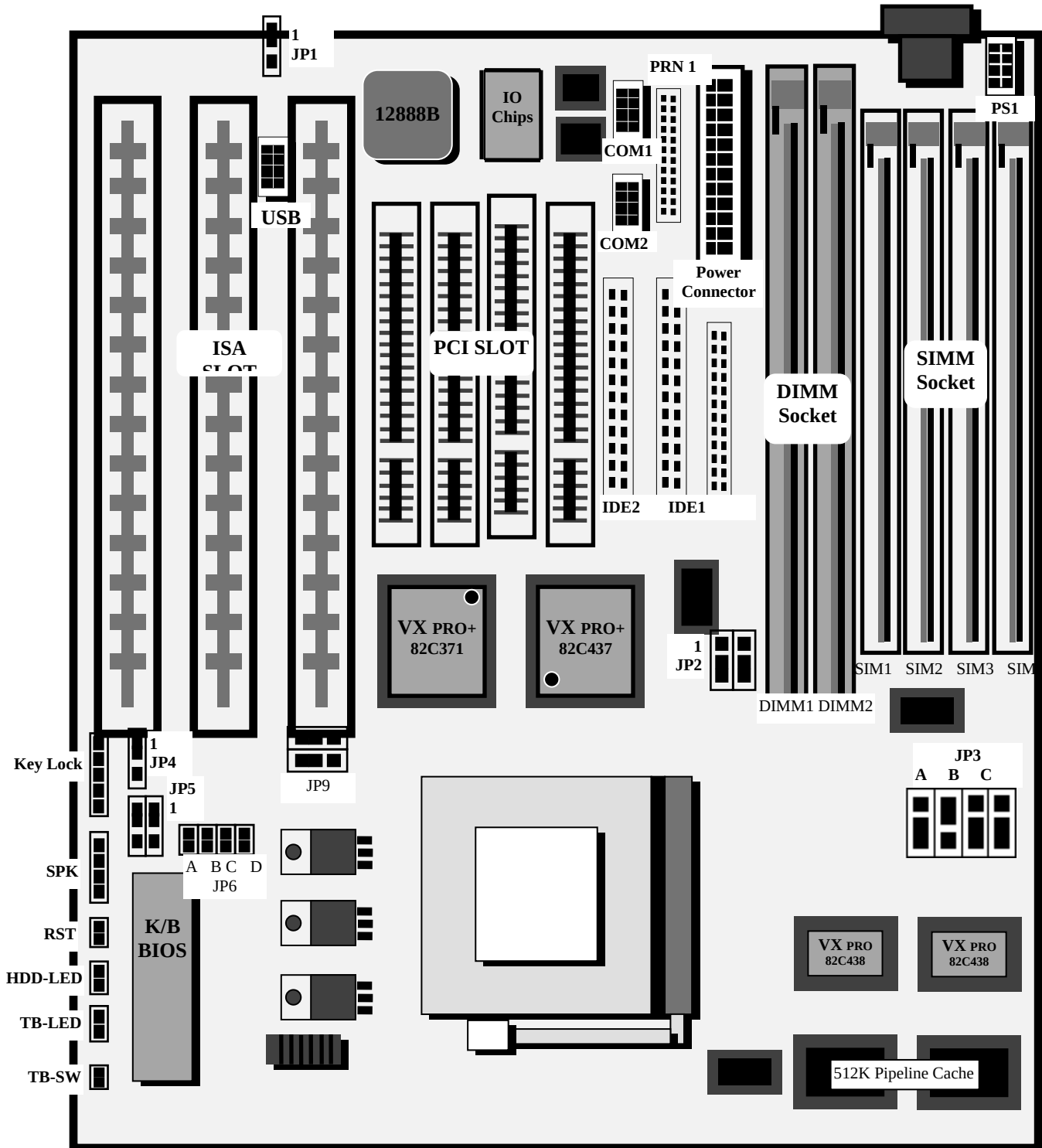


M537D Mainboard Component Locations



Quick Installation Guide

1. Set JP1 to CMOS RAM discharge jumper (pin 1-2).
2. Set JP3 to select CPU speed & JP9 to select CPU type.
3. Set JP5 to select CPU Internal Clock Speed.
4. Set JP6-A, B, C, D to select CPU Voltage Regulator Output.
5. Insert CPU to CPU socket.
6. Insert 72-pin SIMM module into SIMM1-4 and / or insert 168-pin DIMM modules into DIMM1-2. Notice that DIMM2 and SIMM1,2 cannot be installed at the same time.
7. Install mainboard into system chassis.
8. Connect keyboard to J1.
9. Install the display card and other peripheral cards (if required) on to the mainboard.
10. Connect hard disk(s) to IDE primary/secondary connection(s).
11. Connect floppy drives(s) to FDC1 connector.
12. Connect serial ports to COM1 and COM2 connectors
13. Connect parallel port to PRM1 connector.
14. Connect J3-HDD LED to “Hard Disk Busy” LED on the system chassis.
15. Connect J3-TB LED to Turbo LED on the system chassis.
16. Connect J3-RST to Reset Switch on the system chassis.
17. Connect J3-SPK to Speaker on the system chassis.
18. Connect J3-KBYLOCK to keylock and power LED on the system chassis.
19. Connect power cord to J2 Power Supply Connector.
20. Close system chassis, connect all external cables to your computer.

Jumper Setting

J1 Keyboard Connector

A standard five-pin female DIN Keyboard connector is located at the rear of the board J1.

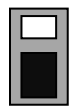
Pin	Description
1	Keyboard Clock
2	Keyboard Data
3	N.C.
4	Ground
5	+5VDC

J2 Power Supply Connector

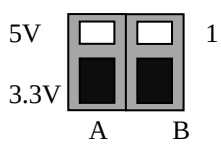
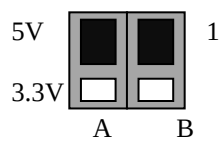
Pin	Description	Pin	Description
1	Power Good	7	Ground
2	+5VDC	8	Ground
3	+12VDC	9	-5VDC
4	-12VDC	10	+5VDC
5	Ground	11	+5VDC
6	Ground	12	+5VDC

JP1 CMOS RAM Discharge Jumper

Pin	Description
1	Internal Battery Positive
2	Connector to CMOS
3	Ground

Description	JP1
Internal Battery Mode	 1
Discharge CMOS	 1

JP2 DIMM Module Voltage Selector

Description	JP2
For SDRAM DIMM Module (3.3V)	
For EDO DRAM/Fast Page DRAM DIMM Module (5V)	

PS1 PS/2 Mouse Connector

Pin	Description
1	Mouse Data
2	N.C.
3	Ground
4	+5V
5	Mouse CLK
6	N.C.

USB1 2 Sets of Universal Serial Bus Connector

Pin	Description
1,2	+5VDC
3,4	Data -
5,6	Data+
7,8	Ground
9,10	Ground

J3 RST (Reset Switch Connector)

Setting	Description
Open	Normal Mode
Short	Reset System

KEYLOCK (Keylock & Power LED Connector)

Pin	Description
1	LED Output
2	N.C.
3	Ground
4	Keylock
5	Ground

TB LED (Turbo LED Connector)

Setting	Description
1	Anode (+)
2	Cathode (-), Ground

SPK (Speaker Connector)

Pin	Description
1	Speaker Out
2	Ground
3	Ground
4	5V

HDD LED (Hard Disk LED Connector)

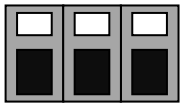
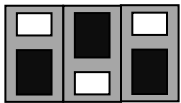
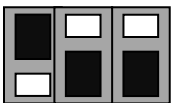
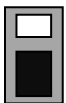
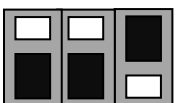
Setting	Description
Open	Normal Mode
Short	Reset System

JP4 Flash ROM Voltage Jumper

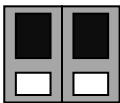
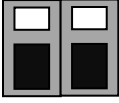
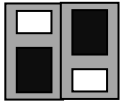
Description	JP4
12Volt Flash programming (Default)	 12V 5V
5Volt Flash programming	 12V 5V

JP3 CPU Speed Jumpers

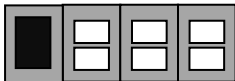
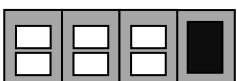
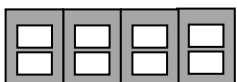
CPU Clock	JP3 A B C	CPU Clock	JP3 A B C	PCI CLK	JP3D
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50MHz	 1	66MHz	 1	CPUCLK/2	 1
55MHz	 1	75MHz	 1	33MHz	 1
60MHz	 1	83MHz	 1		

JP5 CPU Internal Clock Speed Selectors

	JP5 A B		JP5 A B
1.5X	 1	2.5X	 1
2.0X	 1	3.0X	 1

JP6 P54C/P55C CPU Voltage Selectors

	JP10 A B C D		JP10 A B C D
3.5V		2.8V	
3.2V		2.5V	
2.9V	