



Jumpers and Connectors reference

Before installing the mother board, make sure the jumpers setting are set for your configuration. The function of each jumpers are as follows:

- JP1 Discharge / Charge CMOS
- JP26 Mono / Color Monitor Selector
- JP5, JP12, JP15, JP25 Cache Option
- JP8, JP10 CPU Type Selector
- JP11, JP17, JP19 VL-BUS Option
- JP13 Clock Generator Frequency Selector
- JP24 Turbo LHD connector
- JP22 Turbo Switch connector
- JP21 Speaker connector
- J1 External Battery Connector
- JP3 Keyboard Connector
- JP4 Power Supply Connector
- JP23 Keylock/Power LHD Connector
- JP16 Reset Connector
- JP20 PQFP CPU Enable / Disable

JP1 Discharge / Charge CMOS

CMOS Discharge/Charge is used to discharge and charge CMOS. If you discharge the CMOS all dates in the CMOS will be erase. To discharge CMOS, place a jumper cap in pin 2 & 3 then turn on the power supply for 1 to 2 seconds then turn off the power supply. In this procedure the CMOS is discharge, all the dates in the CMOS is erase. Place the jumper cap in pin 1 & 2 for CMOS charge, then run setup.

- JP1 2-3 Discharge CMOS
- JP1 1-2 Charge CMOS

JP26 Mono / Color Monitor selector

Mono / Color Monitor selector is used to select the type of video display you are using. The choice is between CGA and MONO. CGA is only for CGA display. MONO is for all other display including EGA, VGA and MONO. The default is MONO.

- JP26 OPEN MONO
- JP26 CLOSE COLOR

JP5, JP12, JP15, JP25 Cache Option

SIZE	JP5	JP12	JP15	JP25	BANK 0	BANK 1	TAG RAM (U19)
64K	OPEN	1-2	OPEN	OPEN	8K * 8	8K * 8	8K * 8
128K	3-4	OPEN	2-3	CLOSE	32K * 8	32K * 8	32K * 8
256K	1-2,3-4	OPEN	1-2	CLOSE	32K * 8	32K * 8	32K * 8
BANK 0 : U31,U33,U35,U39							
BANK 1 : U29,U32,U34,U38							

JP8, JP10 CPU Type Selector

CPU Type Selector is used to select different type of 486 CPU.

CPU TYPE	JP8	JP10
486SX	OPEN	2-3
486DX	1-2	1-2,3-4
487SX	2-3	1-2,3-4

JP11, JP17, JP19 VL-BUS Option

JP11	JP17	JP19
1-2 (50 MHz)	CLOSE	IWS
2-3 (33 MHz)	OPEN	OVS
		CLOSE
		OPEN
		>33MHz
		<=33MHz

JP13 Clock Generator Frequency Selector

Clock Generator Frequency selector is used to select different frequency of the clock generator. The frequency is depend of the MHz of the CPU you are using.

FREQUENCY	JP13
25 MHz	1-2,5-6
33 MHz	1-2,3-4
40 MHz	5-6
50 MHz	3-4

P1, JP2, JP7, JP9, JP18, JP27 Miscellaneous Jumpers

P1 14,318MHz	JP2 5VCR(0VPP)	JP7 PDXA26
OPEN	DEFAULT (CGI)	1-2
CLOSE	OPTION (OSC)	2-3
		DEFAULT (VCC)
		OPTION (A26)
		DEFAULT (12V)
		OPTION (A31)
		DEFAULT (GND)
JP9 CLKMOD	JP18 LADS L.	JP27 VA27
OPEN (G486S)	1-2	OPTION (LAD50L)
CLOSE (G486E2)	2-3	OPTION (LAD51L)
		OPTION (A27)
		OPTION (A31)

NOTE: The Miscellaneous Jumpers is only for factory setting used not for the end user unless advice by the manufacturer.