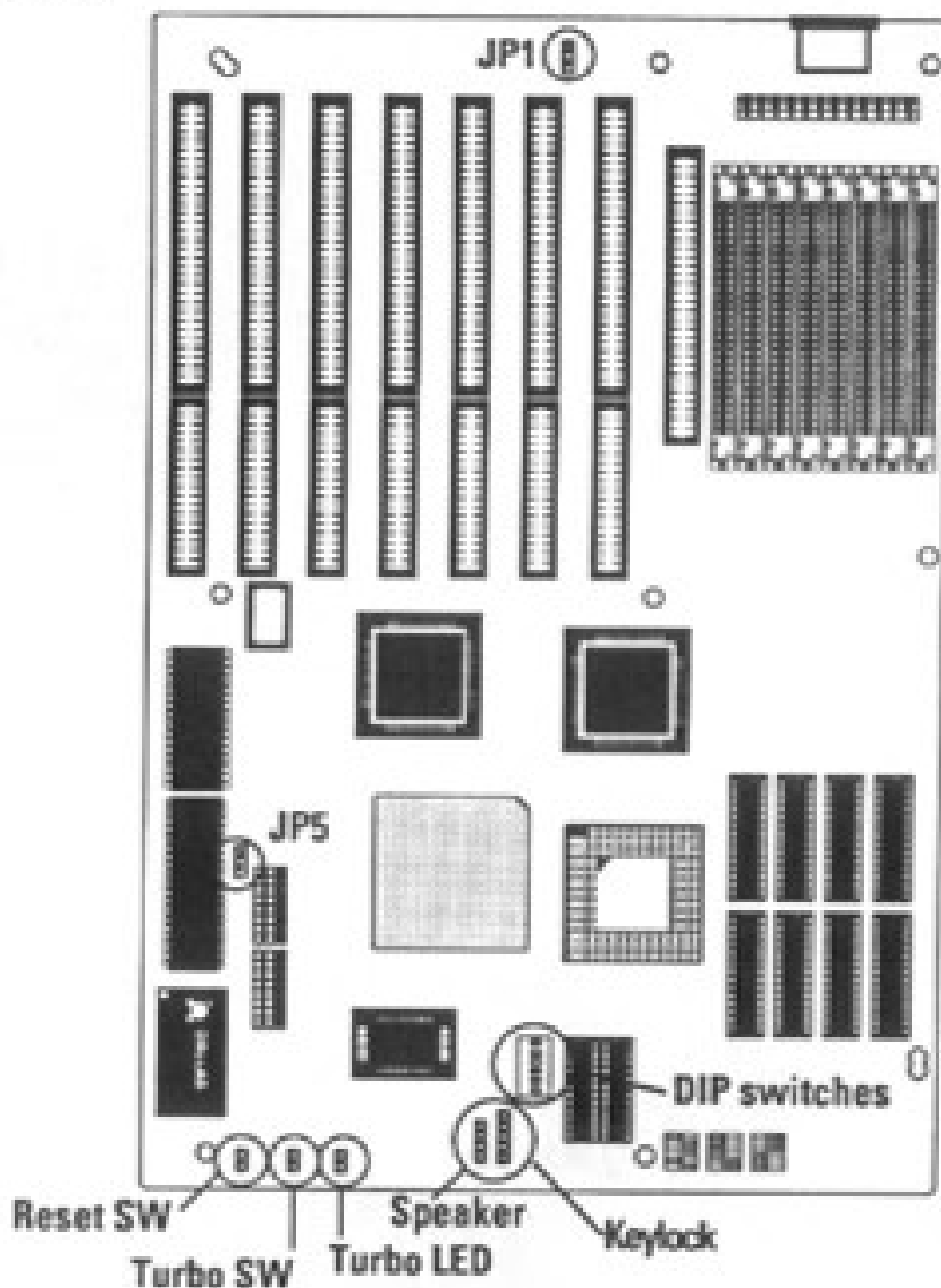


There are two user-adjustable jumpers on the main board: JP1 and JP5. See the locations of these and the system case feature connectors marked on the diagram below.

Jumper and connector locations



Power Good Source Selector Jumper JP1

Jumper JP1 selects the type of "Power Good" signal used. An on-board or an external power supply "Power Good" signal can be selected. The default setting is "EXT" for an external "Power Good" signal.

JP1 Default setting

You should leave JP1 on the default setting unless you know your power supply doesn't generate a "power good" signal.



Video Display Selector Jumper JP5

Jumper JP5 selects the type of video display you are using. The choices are between "CGA" and "MONO". "CGA" is only for a CGA display. "MONO" is for all other displays including EGA, VGA and MONO. The default setting is "MONO".

JP5 Default setting

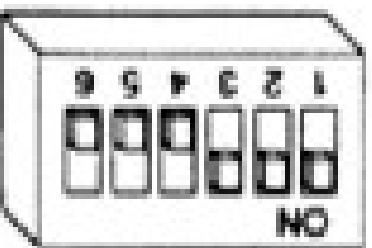
Remember : The MONO setting is for all color or monochrome display cards except CGA .



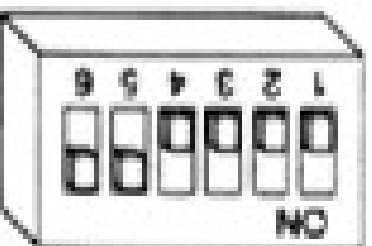
The CPU Selector Switch

SW1 is a bank of six small DIP switches which allow the ISA-486S Mainboard to be used with a variety of CPU's. Follow the diagrams printed in the lower right corner of the board to determine the proper arrangement for the CPU you are using.

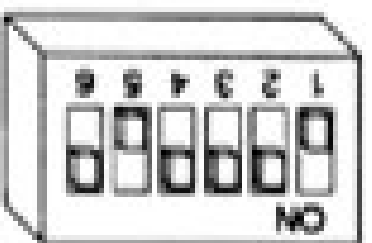
CPU Selection Switches



486DX-25/33

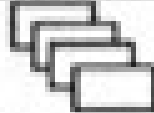
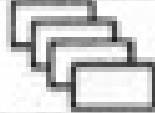


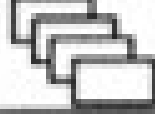




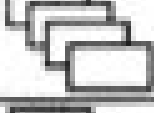



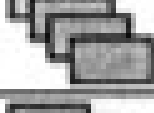











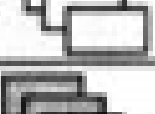






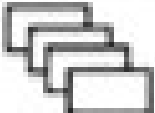
486SX-25/20




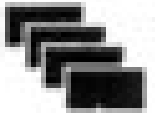
487SX-25/20

**Set the switches according to which
CPU is installed on the board.**

Total Memory	On board		On card		Total Memory
	Bank 0	Bank 1	Bank 2	Bank 3	
1MB*		o			1MB
2MB*					2MB
5MB					4MB
17MB					8MB
4MB*		o			16MB
5MB					32MB*
8MB*			<p>Note: Combined Memory Total = Bank 0/1 total + Bank 2/3 total</p> <p>* Common memory configurations.</p> <p>o No memory in Banks 2/3</p> <p>IMPORTANT!: With four banks installed, the SIMMs in Banks 2 & 3 must be the same size.</p>		
20MB					
16MB*		o			
17MB					
20MB					
32MB*					

 Four 256K SIMMs = 1MB

 Four 1MB SIMMs = 4MB

 Four 4MB SIMMs = 16MB

Cache SRAM specifications and settings

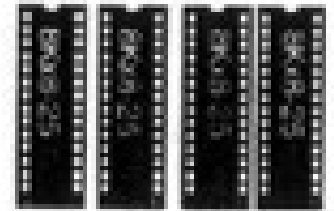
For Rev 1.6 or higher version only

(1) 64KB Cache RAM

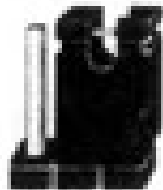
Select 64KB cache RAM size



Bank 0, Bank 1
all insert
8Kx8-25
SRAM 8 pieces



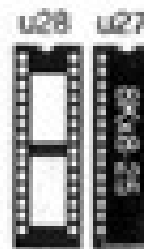
TP7



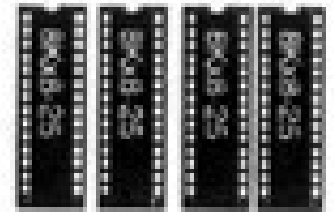
2-3: 2-1-1-1 64K/ 256K

1 2 3

Insert 8Kx8-25
SRAM one piece

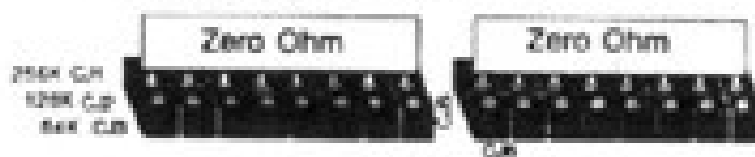


Tag RAM

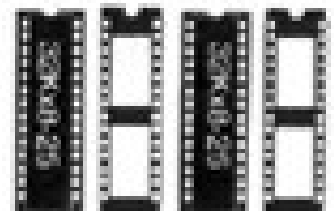


(2) 128KB Cache RAM

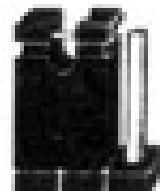
select 128KB cache RAM size



Bank 0 insert
32Kx8-25 SRAM
4 pieces



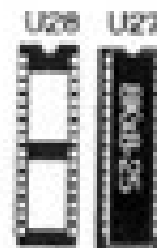
TP7



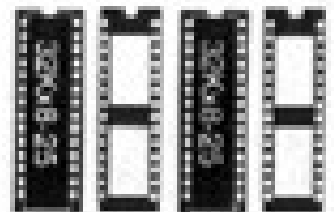
1-2: 3-2-2-2 128K

1 2 3

Insert 8Kx8-25
SRAM one piece



Tag RAM

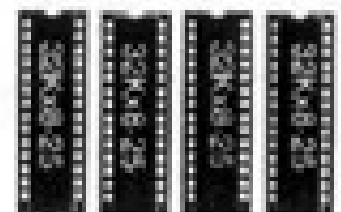


(3) 256KB Cache RAM

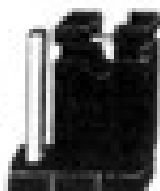
select 256KB cache RAM size



Bank 0, Bank 1
all insert
32Kx8-25
SRAM 8 pieces



TP7

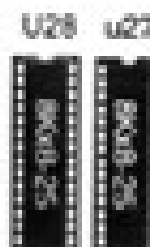


2-3: 2-1-1-1 64K/ 256K

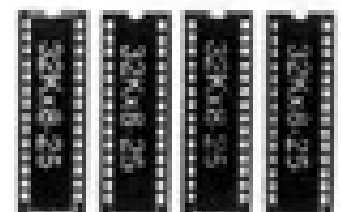
1 2 3

Insert 8Kx8-25
SRAM two pieces

(or Insert 32Kx8-25 SRAM
one piece in U27)



Tag RAM



Note: For Rev 1.4 or earlier version please refer to the last page.

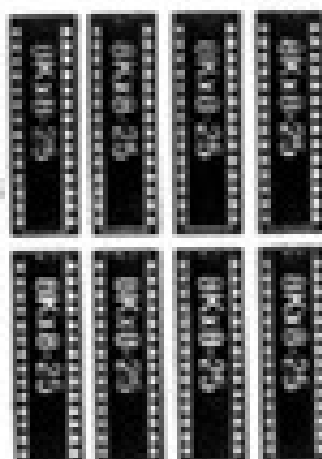
Cache SRAM specifications and settings

(For Rev 1.4 or earlier version)



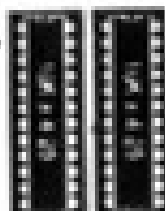
Jumper Setting

Bank 0 Bank 1
all insert
8Kx8-25
SRAM 8 Pieces



Insert 16Kx4-25 SRAM —

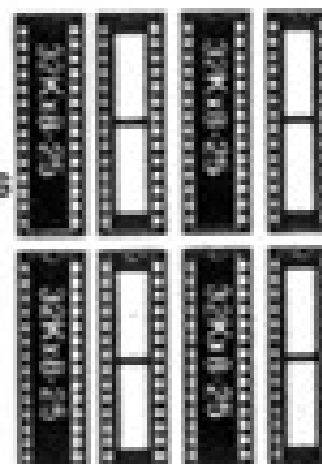
Tag RAM



Cache RAM

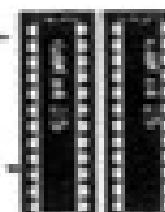


Bank 0
insert
32Kx8-25
SRAM 4 Pieces



Insert 64Kx4-25 SRAM —

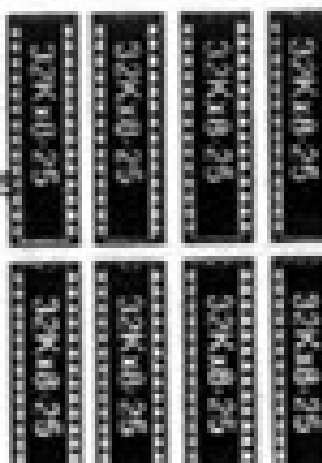
Tag RAM



Cache RAM

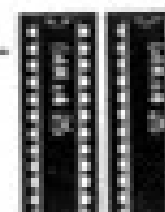


Bank 0 Bank 1
insert
32Kx8-25
SRAM 8 Pieces



Insert 64Kx4-25 SRAM —

Tag RAM



Cache RAM