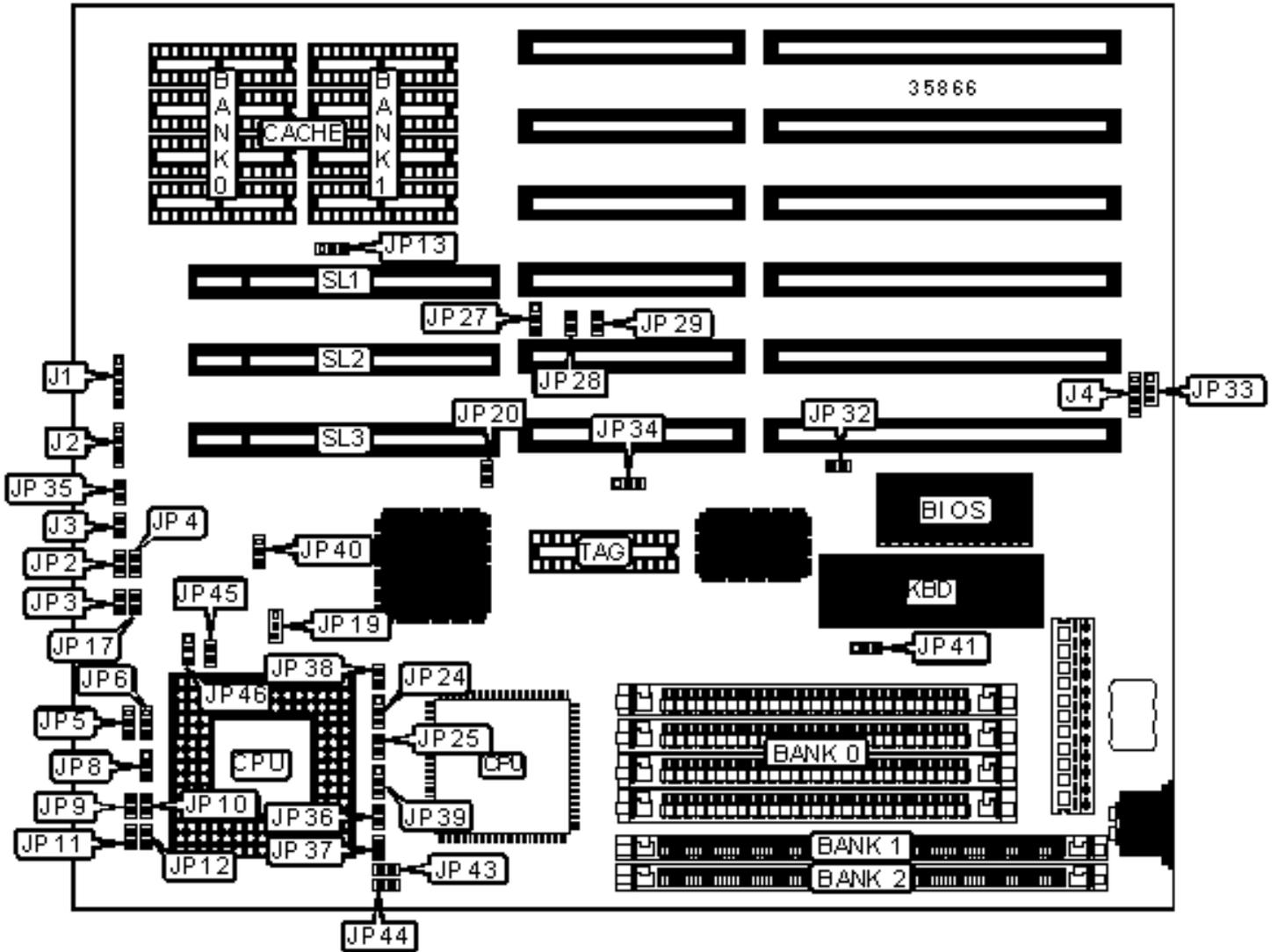


DATAEXPERT CORPORATION

EXP4044

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
Power LED & keylock	J1	Turbo LED	JP2
Speaker	J2	Green PC connector	JP20
Reset switch	J3	Turbo switch	JP35
External battery	J4	32-bit VESA local bus slots	SL1 – SL3

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Monitor type select color	JP32	Closed
Monitor type select monochrome	JP32	Open
» CMOS memory normal operation	JP33	Pins 2 & 3 closed
CMOS memory clear	JP33	Pins 1 & 2 closed
» L2 write through	JP34	Pins 2 & 3 closed
L2 write back	JP34	Pins 1 & 2 closed

## SIMM CONFIGURATION 1

Size	Bank 0	Bank 1	Bank 2
2MB	(4) 256K x 9	None	(1) 256K x 36
2MB	None	(1) 256K x 36	(1) 256K x 36
2MB	None	(1) 512K x 36	None
4MB	(4) 1M x 9	None	None
4MB	None	(1) 1M x 36	None
5MB	(4) 256K x 9	None	(1) 1M x 36
5MB	None	(1) 256K x 36	(1) 1M x 36
8MB	(4) 1M x 9	None	(1) 1M x 36

8MB	None	(1) 1M x 36	(1) 1M x 36
8MB	None	(1) 2M x 36	None
16MB	(4) 4M x 9	None	None
16MB	None	None	(1) 4M x 36
17MB	(4) 256K x 9	None	(1) 4M x 36
17MB	None	(1) 256K x 36	(1) 4M x 36
20MB	(4) 1M x 9	None	(1) 4M x 36
20MB	None	(1) 1M x 36	(1) 4M x 36
32MB	(4) 4M x 9	None	(1) 4M x 36
32MB	None	(1) 4M x 36	(1) 4M x 36
32MB	None	(1) 8M x 36	None
64MB	(4) 16M x 9	None	None

## SIMM CONFIGURATION 2

Size	Bank 0	Bank 1	Bank 2
2MB	None	(1) 512K x 36	None
4MB	(4) 1M x 9	None	None
4MB	None	(1) 512K x 36	(1) 512K x 36
8MB	None	(1) 2M x 36	None
10MB	None	(1) 512K x 36	(1) 2M x 36
16MB	(4) 4M x 9	None	None
16MB	None	(1) 2M x 36	(1) 2M x 36
32MB	None	(1) 8M x 36	None
64MB	(4) 16M x 9	None	None
64MB	None	(1) 8M x 36	(1) 8M x 36

## SIMM JUMPER CONFIGURATION

Configuration		JP41
»	1	Pins 2 & 3 closed
	2	Pins 1 & 2 closed

## CACHE CONFIGURATION

Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	None	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

## CACHE JUMPER CONFIGURATION

Size	JP13	JP27	JP28	JP29
64KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Open	Open
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Open	Closed
256KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed	Closed

## CPU SPEED SELECTION

Speed	JP3	JP4	JP17
25MHz	Closed	Closed	Open
33MHz	Closed	Open	Closed
40MHz	Open	Closed	Closed
50MHz	Closed	Closed	Open
50MHz	Closed	Closed	Closed
66MHz	Closed	Open	Closed
75MHz	Closed	Closed	Open

100iMHz	Closed	Open	Closed
---------	--------	------	--------

<b>CPU TYPE SELECTION</b>							
Type	JP5	JP6	JP8	JP19	JP24	JP39	JP43
CX M6	2 & 3	Open	Open	1 & 2	1 & 2	1 & 2	Open
80486SX	2 & 3	Open	Open	1 & 2	Open	2 & 3	Open
AM486DX	1 & 2	2 & 3	1 & 2	1 & 2	Open	2 & 3	Open
AM486DXL	1 & 2	2 & 3	1 & 2	1 & 2	Open	2 & 3	Open
80486DX	1 & 2	2 & 3	1 & 2	1 & 2	Open	2 & 3	Open
80486DX4	1 & 2	2 & 3	1 & 2	1 & 2	Open	2 & 3	Closed
P24T	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Open
CX M7	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

<b>CPU TYPE SELECTION (PQFP ONLY)</b>				
Setting		JP11	JP12	JP25
	Enabled	Open	Open	Closed
»	Disabled	Closed	Closed	Open

<b>CPU MULTIPLIER SELECTION (80486DX4 ONLY)</b>			
Multiplier	JP36	JP37	JP38
2x	Open	Closed	Open
2.5x	Open	Open	Closed
3x	Closed	Open	Open

<b>CPU VOLTAGE SELECTION</b>
------------------------------

Voltage		JP44	JP45	JP46
	3.3v	Open	Closed	Pins 1 & 2 closed
»	6v	Closed	Open	Pins 2 & 3 closed

VL BUS SPEED SELECTION				
Speed			JP40	
»	<= 33MHz		Pins 2 & 3 closed	
	>33 MHz		Pins 1 & 2 closed	

GREEN PC SELECTION				
Setting		JP9	JP10	
	Enabled	Closed	Closed	
»	Disabled	Open	Open	