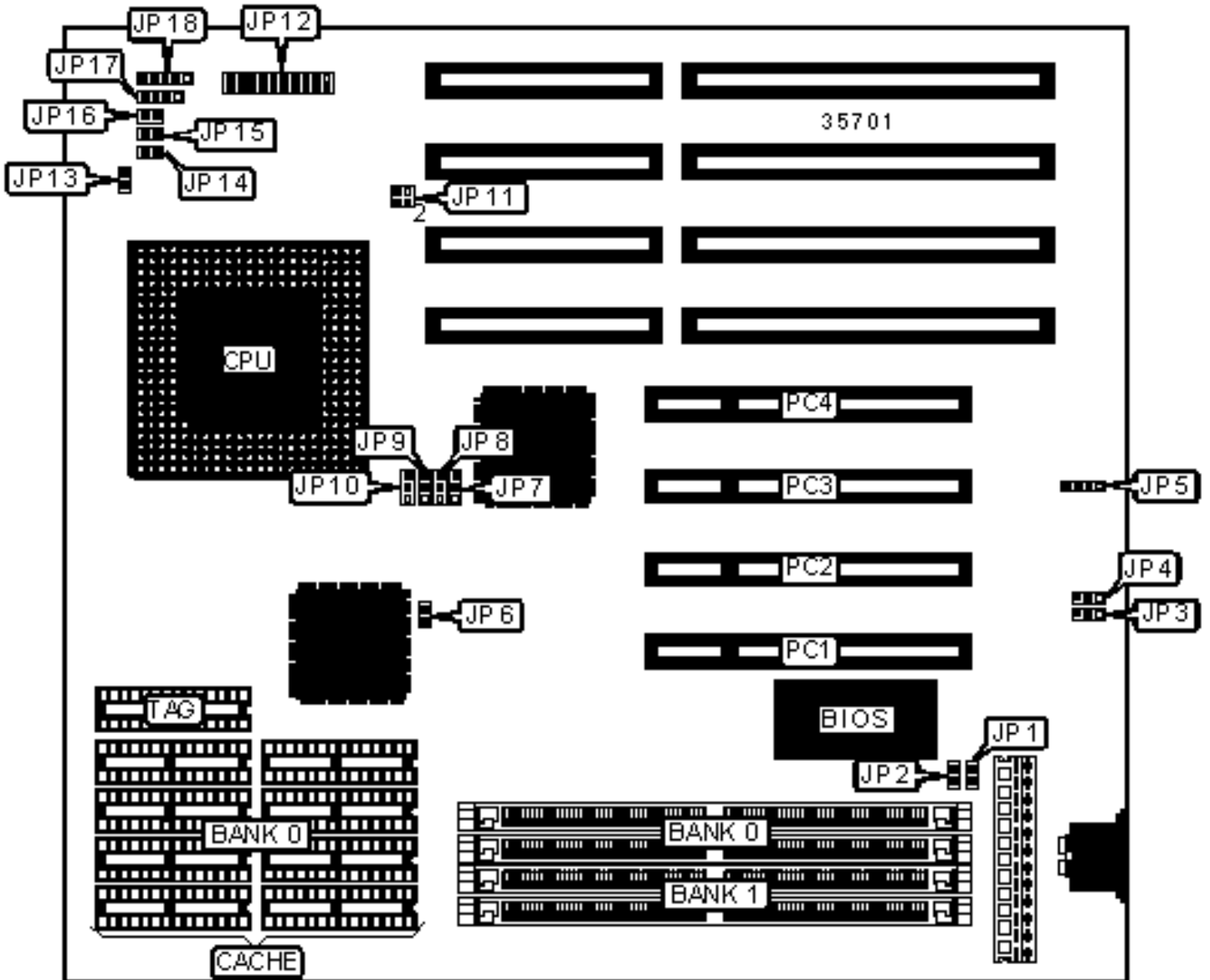


DATAEXPERT CORPORATION

EXP8051

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
External battery	JP5	Reset switch	JP16
Peripheral power connector	JP12	Speaker	JP17
Green PC connector	JP13	Power LED & keylock	JP18
Front panel connector	JP14	32-bit PCI slots	PC1 – PC4
Front panel connector	JP15		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP1	Open
» Battery type select external	JP2	Open
Battery type select internal	JP2	Closed
» Power supply from board	JP3	Pins 1 & 2 closed
Power supply from LM 393	JP3	Pins 2 & 3 closed
» BIOS type select EPROM	JP4	Pins 2 & 3 closed
BIOS type select flash	JP4	Pins 1 & 2 closed
» Normal operation	JP6	Open
Delay ADS#	JP6	Closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
4MB	(2) 512K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36

8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
34MB	(2) 4M x 36	(2) 256K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION

Size	Bank 0	TAG
256KB	(8) 32K x 8	(1) 8K x 8
512KB	(8) 64K x 8	(1) 32K x 8
1MB	(8) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION

Size	JP7	JP8	JP9	JP10
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
512KB	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION

Speed	JP11
50MHz	Open
60MHz	Pins 3 & 4 closed
66MHz	Pins 1 & 2, 3 & 4 closed