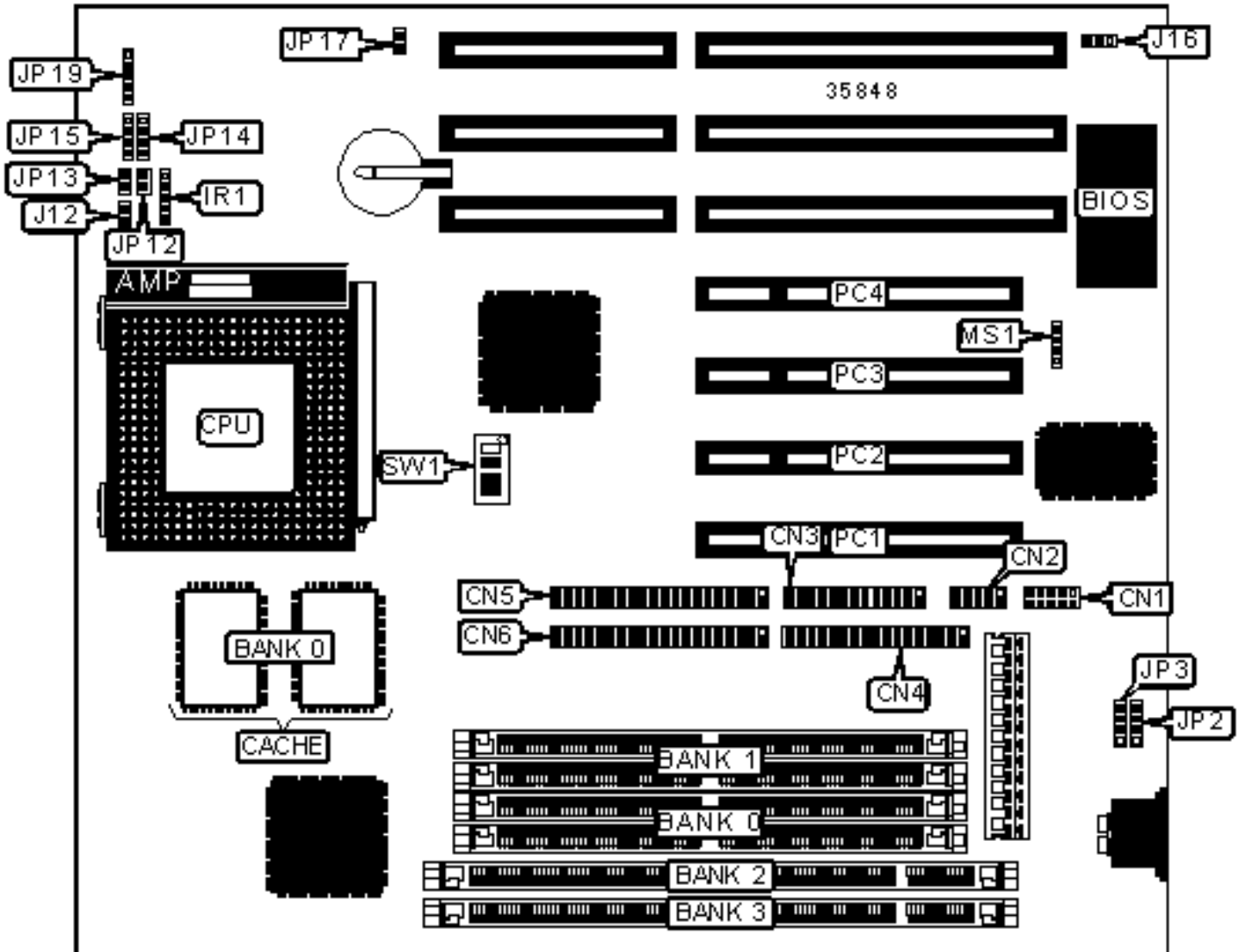


DATAEXPERT CORPORATION

TX430

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Serial port 2	CN1	USB connector 2	JP3
Serial port 1	CN2	Turbo LED	JP12
Parallel port	CN3	Reset switch	JP13
Floppy drive interface	CN4	IDE interface LED	JP14
IDE interface 2	CN5	Speaker	JP15
IDE interface 1	CN6	Power LED & keylock	JP19
IR connector	IR1	PS/2 mouse interface	MS1
Green PC connector	J12	32-bit PCI slots	PC1 – PC4
USB connector 1	JP2		

USER CONFIGURABLE SETTINGS

Function	Label	Position
Flash BIOS voltage select 12v	J16	Pins 1 & 2 closed
Flash BIOS voltage select 5v	J16	Pins 2 & 3 closed
» CMOS memory normal operation	JP17	Closed
CMOS memory clear	JP17	Open

SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M 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
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION

Size	Bank 2	Bank 3
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64

32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
133MHz	55MHz	2x	Off	On	On	On
150MHz	60MHz	2x	Off	On	Off	On

166MHz	66MHz	2x	Off	On	Off	Off
200MHz	75MHz	2x	Off	On	On	Off

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
100MHz	66MHz	1.5x	Off	Off	Off	Off
133MHz	66MHz	2x	Off	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	Off	On	Off	On

133MHz	66MHz	2x	Off	On	Off	Off
150MHz	60MHz	2.5x	On	On	Off	On
166MHz	66MHz	2.5x	On	On	Off	Off
180MHz	60MHz	3x	On	Off	Off	On
200MHz	66MHz	3x	On	Off	Off	Off

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	On	On	Off	Off
200MHz	66MHz	3x	On	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU TYPE SELECTION

Type	SW1/1	SW1/2	SW1/3	SW1/4
AM K5-166	On	On	On	On
Intel	Off	Off	Off	On

Note: Use this setting only if SMART SOFT is enabled in the BIOS.