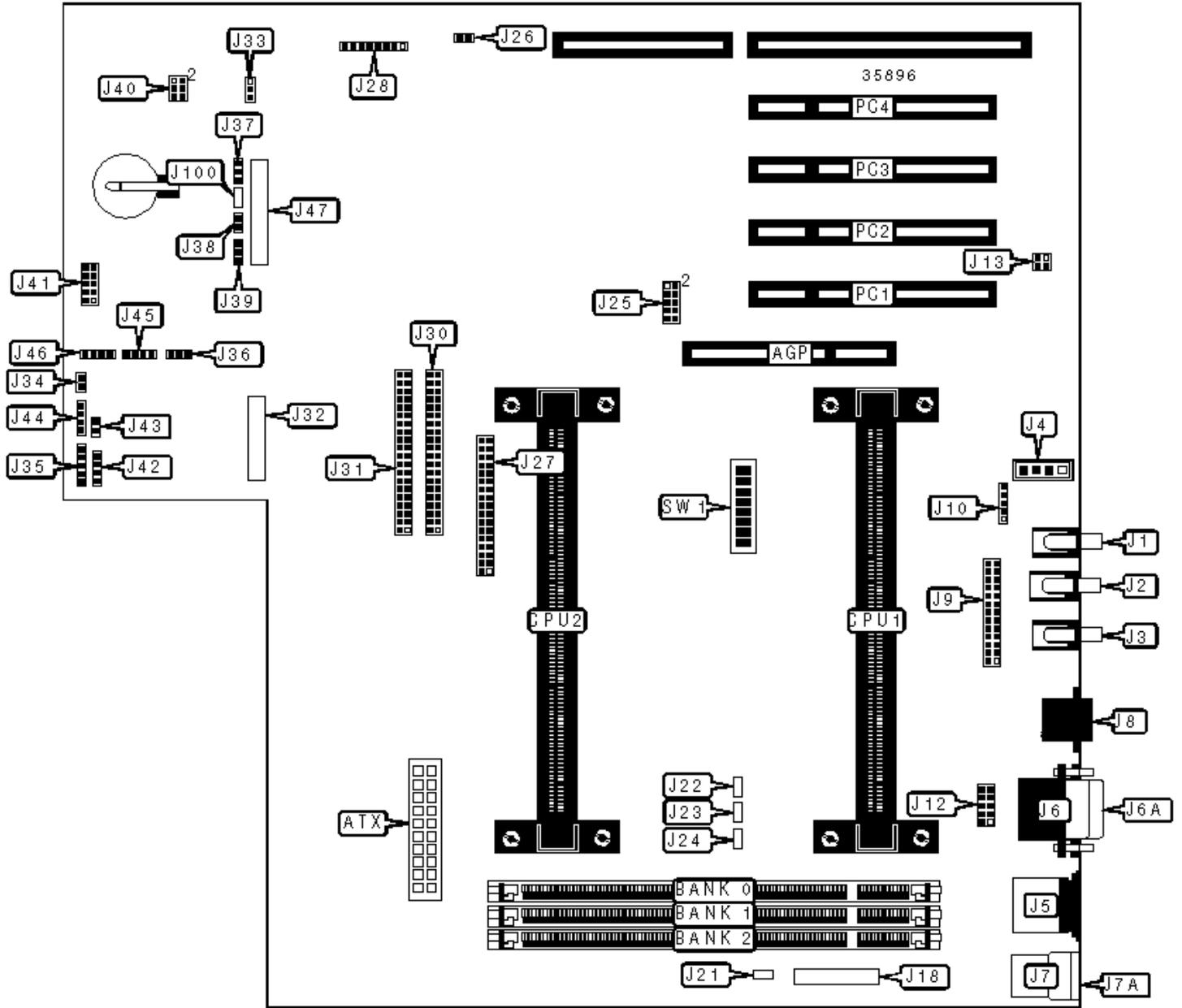


MOTOROLA, INC.

ATXP11

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Floppy drive interface	J27
ATX power connector	ATX	Watchdog timer controller	J28
Line in	J1	IDE interface 1	J30
Microphone in	J2	IDE interface 2	J31
Line out	J3	CompactFlash connector	J32
Audio in - CD-ROM	J4	Soft off power supply	J34
PS/2 mouse port	J5	Power LED & keylock	J35
Serial port 2	J6	Chassis intrusion	J36
Serial port 1	J6A	IR connector	J41
USB connector 1	J7	Speaker	J42
USB connector 2	J7A	Reset switch	J43
Ethernet 10BaseT connector	J8	IDE interface LED	J44
Parallel port	J9	External battery	J45
Line in cable header	J10	USB connector cable header	J46
Serial port 2 cable header	J12	ROM emulator connector	J47
Ethernet LED cable header	J13	32-bit PCI slots	PC1 - PC4
ITP connector	J18		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J21	Unidentified
» Factory configured - do not alter	J22	Unidentified
» Factory configured - do not alter	J23	Unidentified
» Factory configured - do not alter	J24	Unidentified

»	USB select J7	J25	Pins 3 & 5, 4 & 6, 7 & 8 closed
	USB select J46	J25	Pins 1 & 3, 2 & 4, 9 & 10 closed
»	Watchdog timer disabled	J26	Open
	Watchdog timer enabled	J26	Closed
»	CMOS memory normal operation	J37	Pins 2 & 3 closed
	CMOS memory clear	J37	Pins 1 & 2 closed
»	Flash BIOS write protect disabled	J38	Closed
	Flash BIOS write protect enabled	J38	Open
»	Boot block write protect disabled	J39	Pins 1 & 2 closed
	Boot block write protect enabled	J39	Pins 2 & 3 closed

USER CONFIGURABLE SETTINGS (CON'T)

Function		Label	Position
»	Standard PC alarm beeps to speaker	J40	Pins 3 & 5, 4 & 6 closed
	Mono audio output to speaker	J40	Pins 1 & 3, 2 & 4 closed
»	Speaker enabled	J42	Pins 3 & 4 closed
	Speaker disabled	J42	Open
»	Battery type select internal	J45	Closed
	Battery type select external	J45	Open
»	Factory configured - do not alter	J100	Unidentified
»	Factory configured - do not alter	SW1/5	Unidentified
»	Factory configured - do not alter	SW1/6	Unidentified
»	Factory configured - do not alter	SW1/7	Unidentified
»	Factory configured - do not alter	SW1/8	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64

88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64

256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On

LED SELECTION

Setting		J33
	Dual function LED	Open
	Common anode LED	Pins 1 & 2 closed
»	Common canode LED	Pins 2 & 3 closed