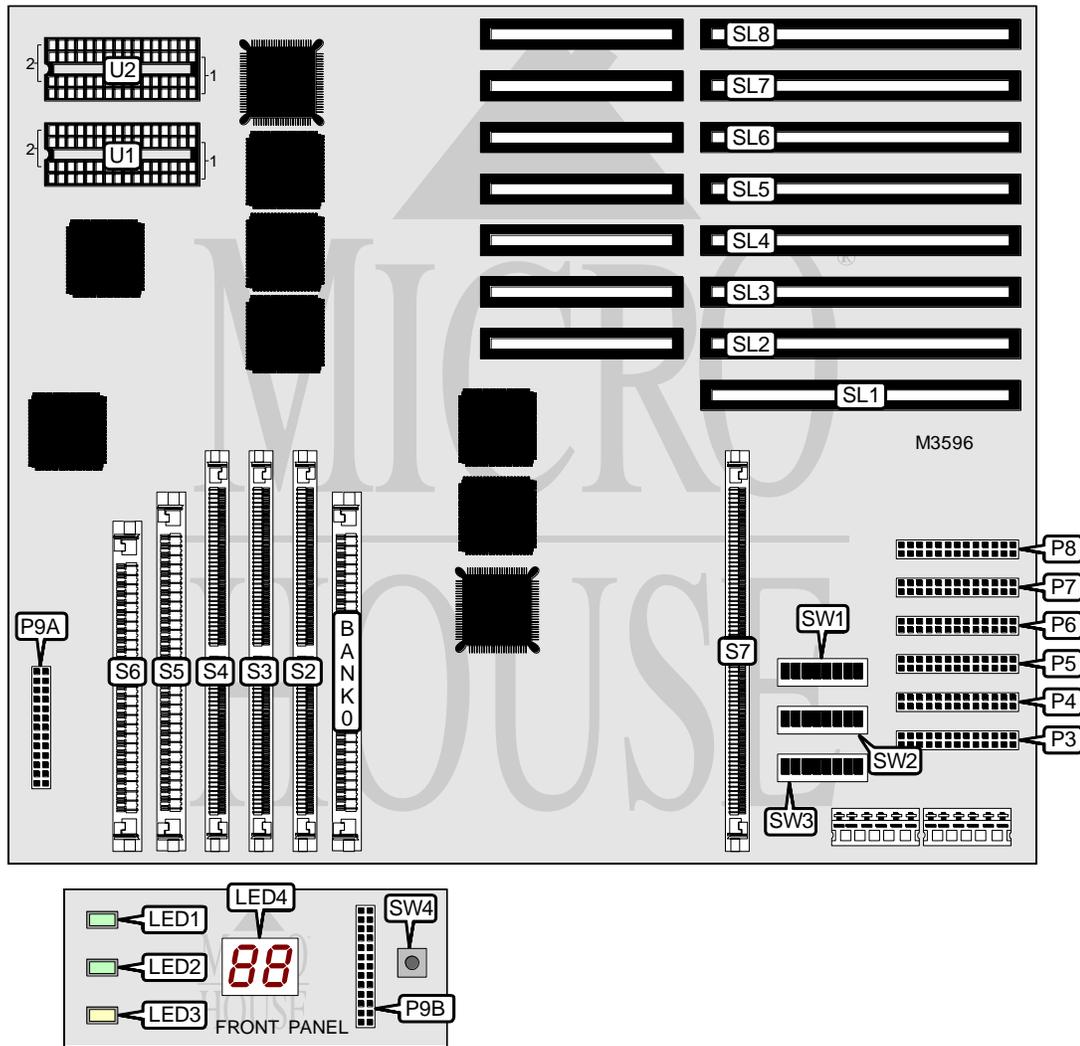


MOTOROLA, INC. 6520 MPROUTER

Card Type	Router
Processor	Motorola 68030
Processor Speed	Unidentified
Chip Set	Unidentified
Maximum Onboard Memory	16MB DRAM, 512KB battery-backup DRAM, 6MB Flash RAM
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	Serial ports (6)
NPU Options	None



Continued on next page...

MOTOROLA, INC.

6520 MPROUTER

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
Diagnostic display	LED4	Unidentified	S5
Serial port 1 (V.11, V.24, V.35, V.36, or DSU)	P3	Data compression module SIMM	S6
Serial port 2 (V.11, V.24, V.35, V.36, or DSU)	P4	Unidentified	S7
Serial port 3 (V.24 only)	P5	Slot 1 - 8-bit ISA	SL1
Serial port 4 (V.24 only)	P6	Slot 2 - 16-bit ISA	SL2
Serial port 5 (V.24 only)	P7	Slot 3 - 16-bit ISA	SL3
Serial port 6 (V.24 only)	P8	Slot 4 - 16-bit ISA	SL4
Connector to front panel LEDs	P9A	Slot 5 - 16-bit ISA	SL5
Connector from mainboard	P9B	Slot 6 - 16-bit ISA	SL6
Flash RAM SIMM	S2	Slot 7 - 16-bit ISA	SL7
Backup Flash RAM SIMM	S3	Slot 8 - 16-bit ISA	SL8
Battery-backup DRAM SIMM	S4	Reset switch	SW4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
i Ring Indicator for port 2 enabled	SW3/1	On
Ring Indicator for port 2 disabled	SW3/1	Off
i Ring Indicator for port 1 enabled	SW3/2	On
Ring Indicator for port 1 disabled	SW3/2	Off
i Ring Indicator for port 6 enabled	SW3/3	On
Ring Indicator for port 6 disabled	SW3/3	Off
i Ring Indicator for port 5 enabled	SW3/4	On
Ring Indicator for port 5 disabled	SW3/4	Off
i Ring Indicator for port 4 enabled	SW3/5	On
Ring Indicator for port 4 disabled	SW3/5	Off
i Ring Indicator for port 3 enabled	SW3/6	On
Ring Indicator for port 3 disabled	SW3/6	Off
i Busy out for port 1 enabled	SW3/7	On
Busy out for port 1 disabled	SW3/7	Off
i Busy out for port 2 enabled	SW3/8	On
Busy out for port 2 disabled	SW3/8	Off

DRAM CONFIGURATION	
Size	Bank 0
8MB	None
16MB	(1) 8M x 9
Note: The first 8MB of memory is located on the mainboard.	

Continued on next page...

MOTOROLA, INC.

6520 MPROUTER

... continued from previous page

PORT 1 TYPE						
Setting	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
V.11 DTE	Off	Off	Off	Off	Off	On
V.11 DCE	Off	Off	Off	Off	Off	On
V.24 DTE	On	On	On	On	On	Off
V.24 DCE	On	On	On	On	On	Off
V.35 DTE	Off	Off	Off	Off	Off	On
V.35 DCE	Off	Off	Off	Off	Off	On
V.36 DTE	Off	Off	Off	Off	Off	On
V.36 DCE	Off	Off	Off	Off	Off	On
DSU	Off	Off	Off	Off	Off	On

PORT 1 TYPE (CON'T)			
Setting	SW1/7	SW1/8	U1
V.11 DTE	On	On	V.11 module in position 1
V.11 DCE	On	On	V.11 module in position 2
V.24 DTE	Off	Off	V.24 module in position 1
V.24 DCE	Off	Off	V.24 module in position 2
V.35 DTE	On	On	V.35 module in position 1
V.35 DCE	On	On	V.35 module in position 2
V.36 DTE	On	On	V.36 module in position 1
V.36 DCE	On	On	V.36 module in position 2
DSU	On	On	DSU module in position 1

PORT 2 TYPE						
Setting	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
V.11 DTE	Off	Off	Off	Off	Off	On
V.11 DCE	Off	Off	Off	Off	Off	On
V.24 DTE	On	On	On	On	On	Off
V.24 DCE	On	On	On	On	On	Off
V.35 DTE	Off	Off	Off	Off	Off	On
V.35 DCE	Off	Off	Off	Off	Off	On
V.36 DTE	Off	Off	Off	Off	Off	On
V.36 DCE	Off	Off	Off	Off	Off	On
DSU	Off	Off	Off	Off	Off	On

Continued on next page...

MOTOROLA, INC.
6520 MPROUTER

... continued from previous page

PORT 2 TYPE (CON'T)			
Setting	SW2/7	SW2/8	U2
V.11 DTE	On	On	V.11 module in position 1
V.11 DCE	On	On	V.11 module in position 2
V.24 DTE	Off	Off	V.24 module in position 1
V.24 DCE	Off	Off	V.24 module in position 2
V.35 DTE	On	On	V.35 module in position 1
V.35 DCE	On	On	V.35 module in position 2
V.36 DTE	On	On	V.36 module in position 1
V.36 DCE	On	On	V.36 module in position 2
DSU	On	On	DSU module in position 1

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Green	On	Power is on
LED1	Green	Off	Power is off
LED2	Green	On	Router is performing diagnostic or is downloading new software
LED2	Green	Off	Router is functioning normally
LED3	Yellow	On	A hardware failure has occurred
LED3	Yellow	Off	Router is functioning normally

MISCELLANEOUS TECHNICAL NOTES
This router uses add-in ISA cards for its physical connections to networks. For add-in cards, see documents N1742 through N1744, V2430 through V2436, V2460, and V2461.