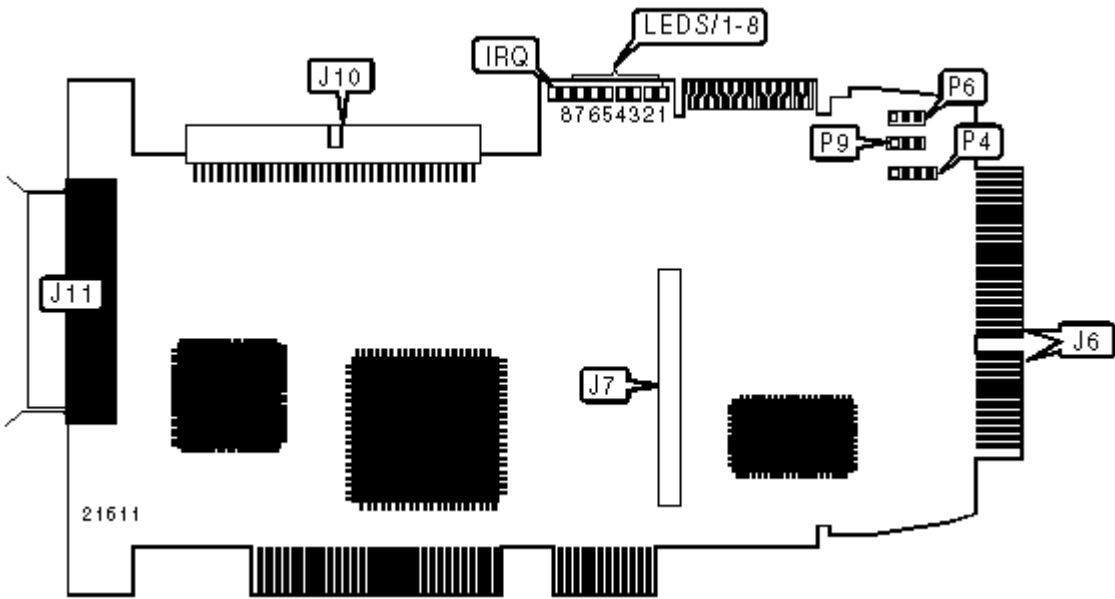


DISTRIBUTED PROCESSING TECHNOLOGY

PM1554U2, PM2554U2, PM2654U2

Card Type	Hard drive controller
Chip Set	Unidentified
Maximum Onboard Memory	256MB DRAM with memory module
I/O Options	SCSI connectors (2), expansion module connectors (2)
Hard Drives supported	Up to 15 Ultra2/LVD Wide SCSI devices
Floppy drives supported	Up to 45 Wide SCSI-2 or Ultra-wide SCSI devices with expansion board upgrades
Data Bus	None
Card Size	32-bit PCI
	Full-length

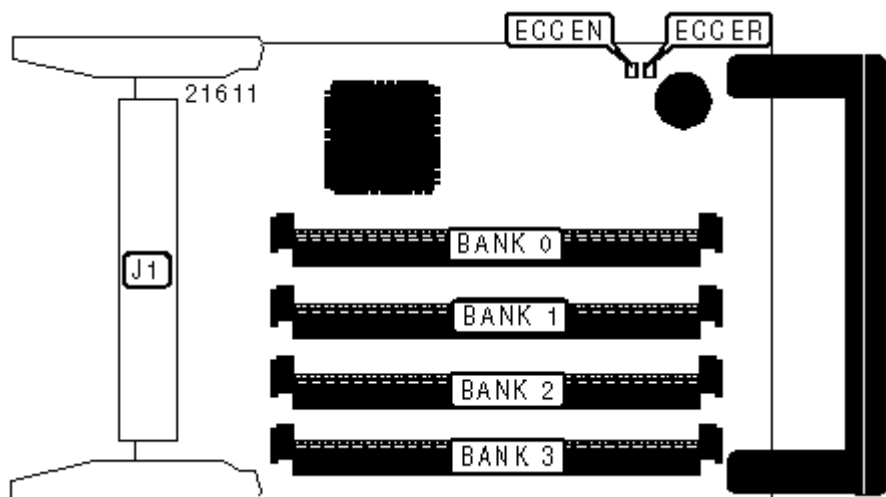


CONNECTIONS			
Function	Label	Function	Label
End connector to memory accelerator expansion module	J6	68-pin SCSI connector Ch. 0 - external	J11
Header connector to bus expansion module	J7	4-pin connector - drive active LED	P6
68-pin SCSI connector C.h 0 - internal	J10		

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
NVRAM reset to default settings	P4	Pins 1 & 2 closed	
NVRAM setup parameters retained	P4	Pins 3 & 4 closed	
Load enabled	P9	Pins 1 & 2 closed	
Run enabled	P9	Pins 3 & 4 closed	

DIAGNOSTIC LED(S)			
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LED	Color	Status	Condition
LED1	Unidentified	On	Controller is ready; interrupts are enabled
LED1	Unidentified	Off	Controller is inactive
LED1	Unidentified	Blinking	Controller is active
LED2	Unidentified	On	Non-maskable interrupt (NMI) detected
LED2	Unidentified	Off	NMI not detected
LED3	Unidentified	On	Controller in idle loop mode
LED3	Unidentified	Off	Controller not in idle loop mode
LED4	Unidentified	On	Interrupt is being processed
LED4	Unidentified	Off	Interrupt is not being processed
LED5	Unidentified	Off	Not used
LED6	Unidentified	On	Cache controller is using DMA to perform a data transfer
LED6	Unidentified	Off	Cache controller is not using DMA to perform a data transfer
LED7	Unidentified	On	Parity is being generated
LED7	Unidentified	Off	Parity is not being generated
LED8	Unidentified	On	Command detected on SCSI
LED8	Unidentified	Off	Command not detected on SCSI
IRQ	Unidentified	On	Interrupt has been activated on host PCI bus
IRQ	Unidentified	Off	Interrupt has not been activated on host PCI bus



## CONNECTIONS

### Function

### Label

Docking connector to Controller card

J1

## DIAGNOSTIC LED(S)

### LED

### Color

### Status

### Condition

ECCEN

Green

On

Cache is ECC protected

ECCEN

Green

Off

Cache is not ECC protected

ECCER

Red

On

Error detected. Cache failure information reported

ECCER

Red

Off

Error not detected

## SIMM MEMORY CONFIGURATION

### Size

### Bank 0

### Bank 1

### Bank 2

### Bank 3

16MB

(1)4MB x 32

None

None

None

32MB

(1)4MB x 32

(1)4MB x 32

None

None

48MB

(1)4MB x 32

(1)4MB x 32

(1)4MB x 32

None

64MB

(1)4MB x 32

(1)4MB x 32

(1)4MB x 32

(1)4MB x 32

64MB

(1)16MB x 32

None

None

None

80MB

(1)16MB x 32

(1)4MB x 32

None

None

128MB

(1)16MB x 32

(1)16MB x 32

None

None

144MB

(1)16MB x 32

(1)16MB x 32

(1)4MB x 32

None

160MB

(1)16MB x 32

(1)16MB x 32

(1)4MB x 32

None

192MB

(1)16MB x 32

(1)16MB x 32

(1)16MB x 32

None

208MB

(1)16MB x 32

(1)16MB x 32

(1)16MB x 32

(1)4MB x 32

256MB

(1)16MB x 32

(1)16MB x 32

(1)16MB x 32

(1)16MB x 32

## MISCELLANEOUS TECHNICAL NOTES

For information on bus expansion modules, see DISTRIBUTED PROCESSING TECHNOLOGY PM3754U2