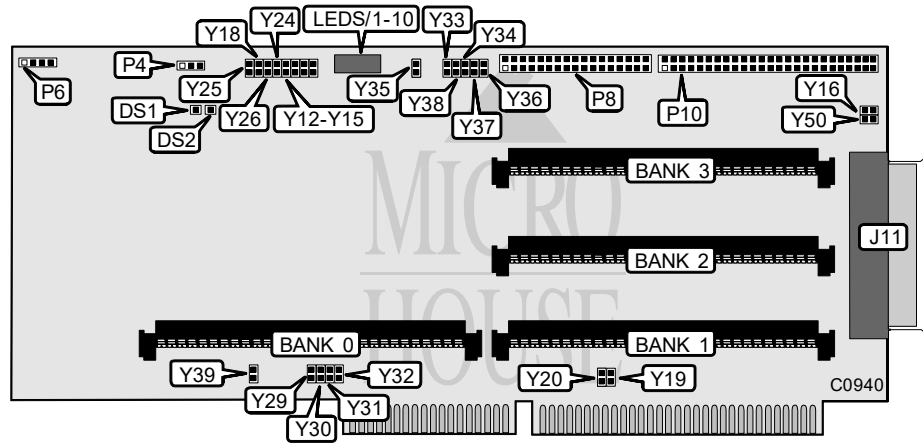


DISTRIBUTED PROCESSING TECHNOLOGY PM3021

Q3/96

Data bus: 16-bit ISA
 Size: Three-fourth length, full-height card
 Hard drive supported: Up to seven SCSI-2, SCSI-3 or Fast SCSI devices
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
3-pin connector - remote alarm	P4
4-pin connector - drive active LED	P6
34-pin cable connector - floppy drive	P8
50-pin SCSI connector bus 0 - internal	P10
50-pin SCSI connector bus 0 - external	J11
ECC or Parity Error LED - red	DS1
ECC enabled LED - green	DS2
LED - adapter busy	LEDS/1
LED - computer bus transfer to adapter	LEDS/2
LED - computer bus transfer from adapter	LEDS/3
LED - cache hit	LEDS/4
LED - disk read/ahead active	LEDS/5
LED - disk read	LEDS/6
LED - disk write	LEDS/7
LED - adapter reset	LEDS/8
LED - interrupt to computer pending	LEDS/9
LED - DRQ to computer asserted	LEDS/10
Note: The configuration of the 10-segment LEDS is unidentified.	

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Bus-On time is 12.8µs and Bus-Open time is 1.6µs	Y15	Open
Bus-On time is 6.4µs and Bus-Open time is 1.6µs	Y15	Close
í SCSI active termination enabled	Y16	Close
SCSI active termination disabled	Y16	Open
í Drive address lines SA17-19 and LA17-19 enabled	Y19	Close
Drive address lines LA17-19 only enabled	Y19	Open
í Floppy drive interface enabled	Y20	Close
Floppy drive interface disabled	Y20	Open
í ISA bus mastering enabled	Y24	Close
ISA bus mastering disabled (PIO enabled)	Y24	Open
í Floppy controller address is primary (3F0h)	Y34	Open
Floppy controller address is secondary (370h)	Y34	Close
í SCSI BIOS ROM size is 8K	Y38	Open
SCSI BIOS ROM size is 16K (factory upgrade)	Y38	Close
í External cable detection disabled	Y39	Open
External cable detection enabled	Y39	Close
í Termination power from adapter to external devices enabled	Y50	Close
Termination power from adapter to external devices disabled	Y50	Open

SCSI BIOS ADDRESS SELECTION		
Address	Y36	Y37
í C800h	Close	Close
D800h	Close	Open
DC00h	Open	Close
Disabled	Open	Open

I/O ADDRESS SELECTION		
Address	Y33	Y35
í 170h	Open	Close
1F0h	Close	Close
230h	Open	Open
330h	Close	Open

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INTERRUPT SELECTION			
IRQ	Y29	Y30	
IRQ14	Close	Close	
IRQ12	Open	Close	
IRQ15	Close	Open	
Disabled	Open	Open	

SCSI ID SELECTION			
SCSI ID	Y18	Y25	Y26
0	Open	Open	Open
1	Open	Close	Open
2	Close	Open	Open
3	Close	Close	Open
4	Open	Open	Close
5	Open	Close	Close
6	Close	Open	Close
7	Close	Close	Close

DMA SELECTION		
Channel	Y31	Y32
5	Close	Close
6	Close	Open
7	Open	Close
0	Open	Open

DMA SPEED SELECTION			
Transfer Rate (MB/s)	Y12	Y13	Y14
3.0	Close	Close	Close
4.0	Open	Close	Close
4.4	Close	Open	Close
5.0	Open	Open	Close
5.7	Close	Close	Open
6.667	Open	Close	Open
8	Close	Open	Open
10	Open	Open	Open

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DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
1MB	None	(1) 256K x 36	None	None
1MB	None	None	(1) 256K x 36	None
1MB	None	None	None	(1) 256K x 36
2MB	(1) 256K x 36	(1) 256K x 36	None	None
2MB	None	(1) 256K x 36	(1) 256K x 36	None
2MB	None	None	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
3MB	None	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	None	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	(1) 256K x 36	None	(1) 256K x 36
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
4MB	None	(1) 1M x 36	None	None
4MB	None	None	(1) 1M x 36	None
4MB	None	None	None	(1) 1M x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	None	(1) 1M x 36	(1) 1M x 36	None
8MB	None	None	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
12MB	None	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	None	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	None	(1) 1M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None	None	None
16MB	None	(1) 4M x 36	None	None
16MB	None	None	(1) 4M x 36	None
16MB	None	None	None	(1) 4M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	None	(1) 4M x 36	(1) 4M x 36	None
32MB	None	None	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
48MB	None	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	None	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	None	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
Notes: Although not shown above, 1MB, 4MB and 16MB SIMMs can be combined and DPT ECC SIMMs can replace parity SIMMs of 4MB or 16MB. Single sided SIMMs are preferred, but low-profile double sided 2M and 8MB increments are supported.				