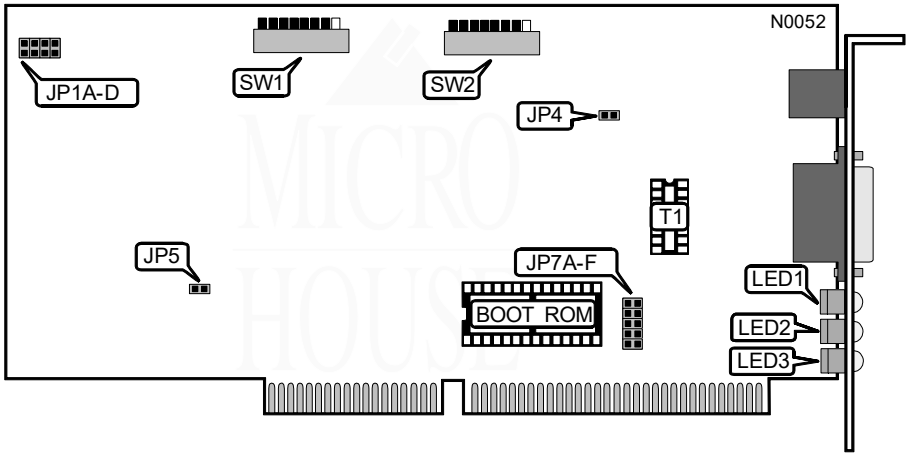


THE NETWORK INTERFACE CARD TECHNICAL GUIDE

STANDARD MICROSYSTEMS CORPORATION

ETHERNET 3016TP

NIC Type	Ethernet
Transfer Rate	10Mbps
Data Bus	8/16-bit ISA
Topology	Linear Bus
	Star
Wiring Type	Unshielded twisted pair
	AUI transceiver via DB-15 port
Boot ROM	Available



DATA BUS SIZE							
Size	JP1A	JP1B	JP1C	JP1D	JP5	SW2/7	SW2/8
8-bit	Closed	Closed	Open	Open	Open	On	On
16-bit	Open	Open	Closed	Closed	Closed	Off	On

CABLE TYPE		
Type	JP4	Pulse Transformer T1
iUnshielded twisted pair	Open	installed
AUI transceiver via DB-15 portT	Closed	not installed

INTERRUPT REQUEST						
IRQ	JP7A	JP7B	JP7C	JP7D	JP7E	JP7F
i3	Closed	Open	Open	Open	Open	Open
2/9	Open	Open	Open	Open	Closed	Open
4	Open	Closed	Open	Open	Open	Open
5	Open	Open	Closed	Open	Open	Open
7	Open	Open	Open	Closed	Open	Open
10	Open	Open	Open	Open	Open	Closed

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I/O BASE ADDRESS							
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7
i300h	On	On	On	Off	Off	On	On
200h	On	On	On	On	Off	On	On
220h	Off	On	On	On	Off	On	On
240h	On	Off	On	On	Off	On	On
260h	Off	Off	On	On	Off	On	On
280h	On	On	Off	On	Off	On	On
2A0h	Off	On	Off	On	Off	On	On
2C0h	On	Off	Off	On	Off	On	On
2E0h	Off	Off	Off	On	Off	On	On
320h	Off	On	On	Off	Off	On	On
340h	On	Off	On	Off	Off	On	On
360h	Off	Off	On	Off	Off	On	On
380h	On	On	Off	Off	Off	On	On
3A0h	Off	On	Off	Off	Off	On	On
3C0h	On	Off	Off	Off	Off	On	On
3E0h	Off	Off	Off	Off	Off	On	On

BOOT ROM	
Setting	SW1/8
iDisabled	Off
Enabled	On

BOOT ROM ADDRESS						
Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
iD0000h	On	On	Off	On	Off	Off
C0000h	On	On	On	On	Off	Off
C4000h	Off	On	On	On	Off	Off
C8000h	On	Off	On	On	Off	Off
CC000h	Off	Off	On	On	Off	Off
D4000h	Off	On	Off	On	Off	Off
D8000h	On	Off	Off	On	Off	Off
DC000h	Off	Off	Off	On	Off	Off
E0000h	On	On	On	Off	Off	Off
E4000h	Off	On	On	Off	Off	Off
E8000h	On	Off	On	Off	Off	Off
EC000h	Off	Off	On	Off	Off	Off

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DIAGNOSTIC LED(S)		
LED	Status	Condition
LED1	On	Twisted pair network connection is good
LED1	Off	Twisted pair network connection is broken
LED2	On	Data is being received
LED2	Off	Data is not being received
LED3	On	Data is being transmitted
LED3	Off	Data is not being transmitted