

THE NETWORK INTERFACE CARD TECHNICAL GUIDE

AMERICAN RESEARCH CORPORATION

ETHERFLEX PLUS 8B, PCN014

NIC Type Ethernet

Transfer Rate 10Mbps

Data Bus 8-bit ISA

Topology Star

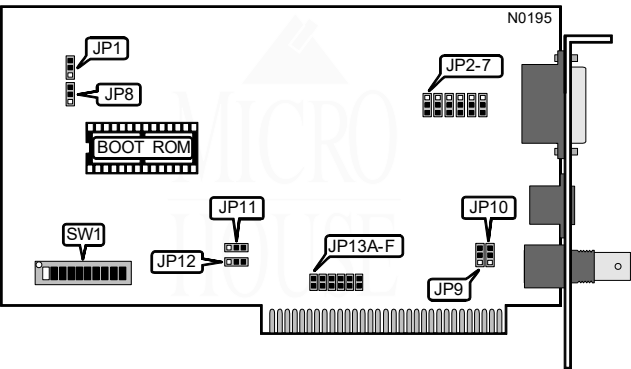
Linear Bus

Wiring Type Unshielded twisted pair

RG-58A/U 50ohm coaxial

AUI transceiver via DB-15 port

Boot ROM Available



I/O BASE ADDRESS				
Address	SW1/1	SW1/2	SW1/3	SW1/4
200h	On	On	On	On
220h	Off	On	On	On
240h	On	Off	On	On
260h	Off	Off	On	On
280h	On	On	Off	On
2A0h	Off	On	Off	On
2C0h	On	Off	Off	On
2E0h	Off	Off	Off	On
300h	On	On	On	Off
320h	Off	On	On	Off
340h	On	Off	On	Off
360h	Off	Off	On	Off
380h	On	On	Off	Off
3A0h	Off	On	Off	Off
3C0h	On	Off	Off	Off
3E0h	Off	Off	Off	Off

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BOOT ROM	
Setting	SW1/5
Disabled	Off
Enabled	On

BOOT ROM ADDRESS				
Address	SW1/6	SW1/7	SW1/8	SW1/9
C0000h	On	On	On	On
C4000h	On	On	On	Off
C8000h	On	On	Off	On
CC000h	On	On	Off	Off
D0000h	On	Off	On	On
D4000h	On	Off	On	Off
D8000h	On	Off	Off	On
DC000h	On	Off	Off	Off
E0000h	Off	On	On	On
E4000h	Off	On	On	Off
E8000h	Off	On	Off	On
EC000h	Off	On	Off	Off
F0000h	Off	Off	On	On
F4000h	Off	Off	On	Off
F8000h	Off	Off	Off	On
FC000h	Off	Off	Off	Off

RAM BUFFER SIZE				
Size	JP1	JP8	JP11	JP12
18KB	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
32KB	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed

CABLE TYPE			
Type	JP2 - JP7	JP9	JP10
Unshielded twisted pair	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed
AUI transceiver via DB-15 port	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
RG-58A/U 50ohm coaxial	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed

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INTERRUPT REQUEST						
IRQ	JP13A	JP13B	JP13C	JP13D	JP13E	JP13F
2	Closed	Open	Open	Open	Open	Open
i3	Open	Closed	Open	Open	Open	Open
4	Open	Open	Closed	Open	Open	Open
5	Open	Open	Open	Closed	Open	Open
6	Open	Open	Open	Open	Closed	Open
7	Open	Open	Open	Open	Open	Closed

FACTORY CONFIGURED SETTINGS	
Switch	Setting
SW1/10	Open