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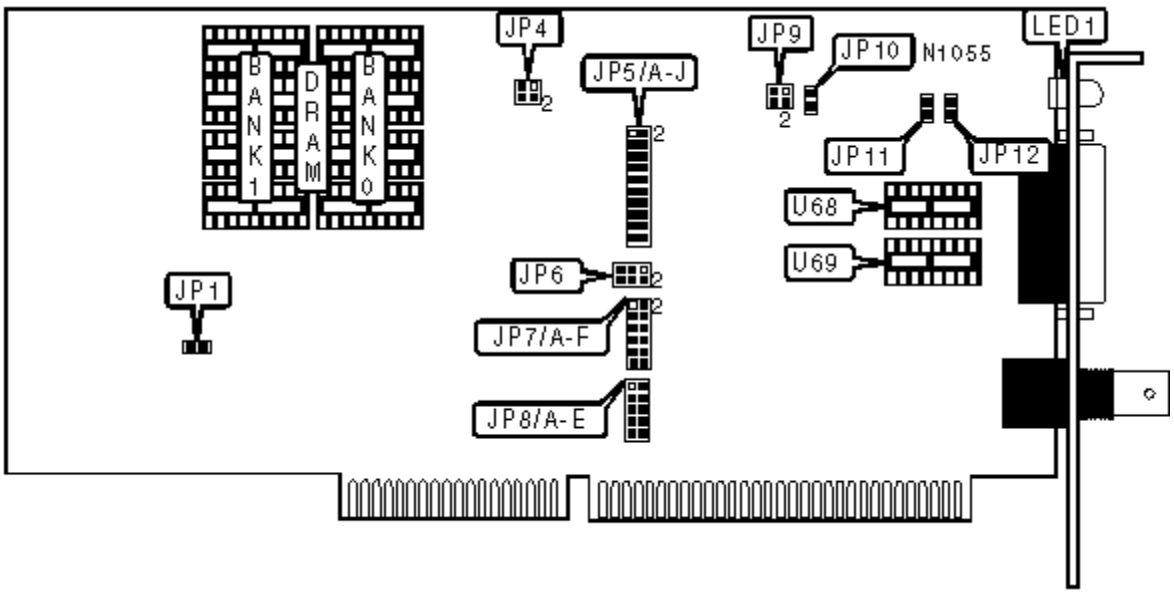
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Find the *Meret Optical / Osicom / CMC CMC-640* at our website: ***Click HERE***

CMC-640

NIC Type Ethernet
Transfer Rate 10Mbps
Data Bus 16-bit ISA
Topology Linear Bus/Star
Wiring Type AUI Transceiver via DB-15 port

RG-58A/U 50ohm coaxial
Boot ROM Not available



FACTORY CONFIGURED - DO NOT ALTER

Jumper/Switch	Position
JP11	Closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1
128KB	(4) 64K x 4	Open
256KB	(4) 64K x 4	(4) 64K x 4
512KB	(4) 256K x 4	Open
1MB	(4) 256K x 4	(4) 256K x 4

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DRAM JUMPER CONFIGURATION

Size	JP1
128KB	Open
512MB	Closed

BASE I/O ADDRESS SELECTION

Address	JP5/A	JP5/B	JP5/C	JP5/D	JP5/E	JP5/F	JP5/G	JP5/H	JP5/I	JP5/J
004000h	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Open
008000h	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Open	Closed
00C000h	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Open	Open
010000h	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Open	Closed	Closed
014000h	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Open	Closed	Open
FEC000h	Open	Open	Open	Open	Open	Open	Open	Closed	Open	Open
FF1000h	Open	Open	Open	Open	Open	Open	Open	Open	Closed	Closed
FF5000h	Open	Open	Open	Open	Open	Open	Open	Open	Closed	Open
FF9000h	Open	Open	Open	Open	Open	Open	Open	Open	Open	Closed
FFC000h	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open

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Note: A total of 1023 base I/O address settings are available. The jumpers are a binary representation of the hexadecimal base I/O addresses. Jumper JP5/J is the Least Significant Bit and jumper JP5/A is the Most Significant Bit. The jumpers have the following hexadecimal values: jumper JP5/J=4000h, JP5/I=8000h, JP5/H=10000h, JP5/G=20000h, JP5/F=40000h, JP5/E=80000h, JP5/D100000h, JP5/C=200000h, JP5/B=400000h, JP5/A=800000h. Open the jumpers and add the values of the open jumpers to obtain the correct base I/O address. (closed=0, open=1)

INTERRUPT SELECTION

IRQ	JP7/A	JP7/B	JP7/C	JP7/D	JP7/E	JP7/F	JP8/A	JP8/B	JP8/C	JP8/D	JP8/E
2	Closed	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open
3	Open	Closed	Open	Open	Open	Open	Open	Open	Open	Open	Open
4	Open	Open	Closed	Open	Open	Open	Open	Open	Open	Open	Open
5	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open	Open
6	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open
7	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open
10	Open	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open
11	Open	Open	Open	Open	Open	Open	Open	Closed	Open	Open	Open
12	Open	Open	Open	Open	Open	Open	Open	Open	Closed	Open	Open
14	Open	Open	Open	Open	Open	Open	Open	Open	Open	Closed	Open
15	Open	Open	Open	Open	Open	Open	Open	Open	Open	Open	Closed

BUS SIZE CONFIGURATION

Size	JP9
8 BIT	pins 3 & 4 closed
16 BIT	pins 1 & 2 closed

SHARED RAM SIZE CONFIGURATION

Size	JP4	JP6
16K	pins 1 & 2, 3 & 4 closed	pins 1 & 3, 2 & 4 closed
64K	pins 1 & 2 closed	pins 1 & 3, 2 & 4 closed
128K	pins 3 & 4 closed	pins 1 & 3, 2 & 4 closed
512K	Open	pins 3 & 5, 4 & 6 closed

PAGE REGISTER CONFIGURATION

Select	JP10
Enabled	Closed
Disabled	Open

PROTOCOL SELECTION

Select	JP12
Ethernet 802.3	Open
Ethernet 802.2	Closed

TRANSCEIVER SELECTION

Select	U68	U69
Onboard transceiver for RG-58A/U	Empty	NP 5421
External 802.3 transceiver	NP 5421	Empty
External 802.2 transceiver	Shunted	Empty

DIAGNOSTIC LED(S)

LED	Color	Status	Condition
LED1	Green	On	Adapter has passed self-test
LED1	Green	Off	Adapter has not passed self-test

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