Static/Dynamic memory for Cromemco

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r...@speakeasy.net   View profile   More options Apr 7 2009, 5:05 pm

All this talk about the 64KZ and CompuPro 16 ......

I've got a couple of Morrow 64K static cards. Anybody ever get one working with Cromemco? I've had no luck. I gather that the issue is banking the RDOS monitor at C000h. Nice cards -- wish I could use them.

Roger

Bill Sudbrink   View profile   More options Apr 8 2009, 8:16 am

Roger wrote:
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The trick is to get the cromemco card (4, 16 or 64 fdc) to
drive PHANTOM. It is actually very simple. You just connect
the chip select pin of the ROM/EPROM (pin 20 on the 16fdc)
to the PHANTOM line on the S-100 bus (pin 67) with a diode.
You used a diode instead of a wire to prevent any other
PHANTOM driver card from selecting the 16fdc ROM. I can't
claim credit for this modification, I got it from Davis
McCarn who ran DMCC in Arlington VA for many years and sold
me a 4fdc configured that way many years ago.

Bill

M H Stein   View profile   More options Apr 8 2009, 9:35 am

Now *that* is the cleverest trick I've seen in a long time!
No fooling with decoding port 40; beautifully simple. Love it!

m
****

From: Bill Sudbrink[SMTP:wh.sudbr...@verizon.net]
Sent: Wednesday, April 08, 2009 11:16 AM
To: cromemco@googlegroups.com
Subject: Re: Static/Dynamic memory for Cromemco

Roger wrote:
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Bill

Bill Sudbrink View profile   More options Apr 8 2009, 12:42 pm

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One other thing, in case it's not clear... Both PHANTOM and
the ROM chip select are active low. This means you want the
diode "pointing" (allowing current flow) from the bus to the
chip pin. Simple ASCII art:

S-100 pin 67 --->|--- ROM pin 20

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r...@speakeasy.net View profile   More options Apr 8 2009, 9:16 pm

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Gotcha, Bill! Thanks for the tip.

Roger