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Subject: Z80 MC6845 video board examples

Posted by [lynchaj](#) on Wed, 31 Mar 2021 11:36:01 GMT

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Does anyone have examples of Z80 MC6845 shared memory video board designs (not transparent mode)? I recall seeing some years ago but am not finding them with some searching. The only example I can come up with is the Dick Smith Super80 VDU Expansion Board (VDUEB) which is a modification to the Super80.

The reason I am asking is the Z80 MBC project allows for external bus memory and sometime down the road I'd like to experiment with it. The legacy Z80 SBC is IO only on the ECB and does not allow for external memory peripherals. So it can't use bus memory boards or shared memory video boards. Instead it uses designs like SY6545 transparent mode and TMS9918 for video solutions.

The IBM CGA and MDA are MC6845 shared memory designs but they are way too complex for what I am considering. Just would like to see what examples are available. Much appreciated, Thanks

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