

Re: Replacing SRAM with a SIMM

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- *From:* cbarn24050@xxxxxxxx
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FyberOptic wrote:

The thing is though, roughly 32k of system memory obviously isn't very much space to work with. I'd like to be able to implement the same style of bank-switching into this extra system ram, adding maybe up to 512k-1mb of switchable storage capability, to avoid much disk activity. But the problem is sram isn't cheap, especially when you start getting into such "large" capacities.

Sram is cheap! 512kx8 chip is around \$10.

So my thought was to take one of these countless 30-pin simms I still have laying around and see if it might be possible to use one of those instead. I know that they're dram, which requires refreshing, but I'm curious what this would entail, such as what extra hardware I might need to take care of it, and if it would impact on the normal functionality of the system to allow for the refreshing compared to the transparent workings of sram.

Dont even go there.

I've done a little bit of looking around, but I still don't know a lot about working with dram in general. Going by a pinout, I don't suppose I really need the parity bit and such, unless you're required to use it. Some simms don't even use parity from what I understand.

Anyhow, this seems like it might be the cost-effective solution, if it can be implemented without affecting how it already works very much. I'd certainly appreciate any input anyone has to offer.

Re: Replacing SRAM with a SIMM

Putting so much memory on such a tiny processor seems a waste of effort, why dont you "upgrade" to one of this centuries chips?

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