
Subject: (found, in-progress) 68030 ISA card design
Posted by [mikesmith](#) on Fri, 12 Aug 2022 22:20:36 GMT

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This looks interesting, though I wasn't able to find much more about it.

Passive ISA backplanes are pretty easy to come by, as are interesting ISA expansion cards...

<https://github.com/robfinch/ISA68030>

Subject: Re: (found, in-progress) 68030 ISA card design
Posted by [plasmo](#) on Sat, 13 Aug 2022 01:12:32 GMT

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Link?

Subject: Re: (found, in-progress) 68030 ISA card design
Posted by [mikesmith](#) on Sat, 13 Aug 2022 04:35:18 GMT

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Argh! (edited the original)

Subject: Re: (found, in-progress) 68030 ISA card design
Posted by [mikesmith](#) on Mon, 15 Aug 2022 05:15:53 GMT

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Another '030 to ISA interface on this very old design from Ingo Cyliax:

<http://archive.retro.co.za/mirrors/68000/ftp.cs.indiana.edu/pub/goo/mc68030/Schem/>

I'd read about this (published in Circuit Cellar in '94 or so) but it took a while to stumble over it.

Subject: Re: (found, in-progress) 68030 ISA card design
Posted by [mikesmith](#) on Mon, 15 Aug 2022 20:54:18 GMT

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Another (simpler?) option for ISA connectivity; Till (of MiST fame) built this ISA adapter for the Atari MegaST:

<http://www.harbaum.org/till/atari/index.html>

Timing would need tweaking for a faster system clock, but the GAL looks deceptively simple...
