
Subject: Re: A simple CP/M Z80 SBC without glue logic
Posted by [etchedpixels](#) on Thu, 04 Apr 2019 16:56:58 GMT
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plasma wrote on Thu, 04 April 2019 07:28 It is relatively expensive, \$7-\$10 and the address assignments of SIO/CTC/PIO are fixed, so it is probably not compatible with existing Z80 based systems like MSX, ZX80, TR80, etc. It is a cool chip nevertheless and have a software return-from-interrupt feature that's compatible with Z280. It is rated at 12.5MHz, but I'm curious whether it can run to 22MHz so to be compatible with my 22MHz Z80SBC64.

Bill

I don't think many of the classic mass production systems used such fancy components as the Zilog SIO or PIO. SIO shows up in a few add in cards (Amstrad PCW serial adapter) but the TRS80 has none, the Sinclair systems have none, the Amstrad systems have none except for add in cards. There were cheaper uarts (if even fitted), cheaper ways to do timing, cheaper ways to do PIO (eg the AY-3-8910 gave you PIO as well as sound in one chip)

There was (is ?) a surface mount variant which is a KIO and Z80 on a single chip but afaik that only turned up in embedded gadgetry.
