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Subject: Re: CB030, A 68030 SBC for hobbyists  
Posted by [plasmo](#) on Tue, 03 Mar 2020 15:17:32 GMT  
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mikemac wrote on Mon, 02 March 2020 22:53

Copying B: to the PC and then back to a new B: using gkermit sounds like an overnight job. : 8o

Is copying A: to a new B: enough to verify the CF to be working? IE the CF that don't work would be detected by such an exercise?

Mike,

Copying A: to new B: with verify flag is a reliable way of checking the compatibility of new CF disk. The command is:

```
pip b:=a:*. *[v]
```

gkermit is quite fast transfer a few files between PC and CB030. Transfer the entire CP/M68K distribution files take about 40 minutes.

I'm working on improving the CF interface. I'm quite optimistic that I've found the solution. It has to do with the tail end of the CF access where CF read/write needs to be negated first before CF chip select negates. With that fix, I'm able to read/write many brands of CF including the 2G Verbatim disk. So far every CF disk I tried has worked. Unfortunately this requires a CPLD change; do you have an Altera CPLD programmer? If not, I'll ship you another CB030 with the CPLD fix after I've done a few days of testing.

Bill

PS, your current SanDisk 256meg CF disk should work just fine without the CPLD fix. It is a blazing fast disk that can handle the lack of hold time at the end of a CF access.