Subject: Re: CB030, A 68030 SBC for hobbyists
Posted by Yves-D. on Mon, 10 Aug 2020 11:29:00 GMT
View Forum Message <> Reply to Message

On my CB030 under Linux the timekeeping of the kernel is way off . The BogoMips / MHz value doesn't match either.
The Linux clock runs to fast (1.5x off nominal). The CPU oscillator and 68681 crystal have the exact value of the BOM.
I guess the Linux timer tick is generated by the 68681.
Perhaps your sleep issue is also related to timer imprecisions.
Check your timer precision with repetitive "date" commands under Linux, to see if you have time deviations.