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Subject: Re: [WTB] TED 8360 and PLA for Commodore 16/116  
Posted by [Computer Nerd Kev](#) on Wed, 30 Oct 2013 06:38:07 GMT  
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On 27 Oct 2013, George wrote:

> address\_is@invalid.invalid says...  
>  
>> Those chips, especially TED, were not built to last.  
>> They fail in every 264 series machine If you are lucky  
>> you may buy a working C16 for the price some dudes ask  
>> for TED alone :-(  
>  
> Nah. I've had a Plus4 running continuously since 1992.  
> It's my caller ID computer. And it still runs fine.

Actually as I understand it, where heat is involved in chip failure, leaving the chip on all the time is not much more damaging than never turning it on. The stress comes from materials expanding and contracting with heating and cooling cycles, so if it's on 24/7 it only needs to survive heating/cooling during the odd blackout. On the other hand, if it were turned on every morning and off every night, the stresses could quickly cause failure. That's what I read somewhere anyhow...

By the way, how does the Plus4 Caller ID system work?

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