

Re: Is microprocessor an integrated circuit???

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-01/8693.html>

From: Ken Smith (kensmith_at_green.rahul.net)

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In article <LghLd.1081\$B64.810@trnddc07>, Bradley1234 <someone@yahoo.com> wrote:
> *Translates to some 10 bit code thing? So you now admit its never, ever*
> *claiming to be a 10 bit byte?*

You haven't actually read and understood the document have you?

In my post, I was showing specifically how the document disproves your claim. The 8 bit input values can take on 256 values. There are additional codes for "special control characters" this means more than a total of 256 values can be taken on by the 10 bit byte. Since the $\log_2(256+N)$ is greater than 8 if N is positive you have lost the argument. That is all there is to it.

I'll leave my text here so you can read it again.

>> *Yes it is sending 10 bit codes to represent what are at the input 8 bit*
>> *values but it is also sending "special control characters" ie: values*
>> *outside the usual 8 bit range. This makes the "10 bit byte" contain more*
>> *than 8 bits of information thus disproving Bradly1234's claims.*

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kensmith@rahul.net forging knowledge