

## Re: which software can used to solve k-map?

**Source:** <http://sci.tech-archive.net/Archive/sci.electronics.design/2004-11/1674.html>

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**From:** Ratch (*Watchit\_at\_Comcast.net*)

**Date:** 11/05/04

Date: Fri, 05 Nov 2004 02:47:53 GMT

"Ken Smith" <kensmith@green.rahul.net> wrote in message  
news:cmenia\$it9\$1@blue.rahul.net...

> In article <Z3yid.354424\$MQ5.331220@attbi\_s52>,

> Ratch <Watchit@Comcast.net> wrote:

>>

>> "nick" <program2gether@hotmail.com> wrote in message

>>> news:bb338404.0411040114.4c06ba46@posting.google.com...

>>> becace i have a 8 variables logic circuit ,i want to find a software to

>>> solve it

>>> any kind of freeware can do that?

>>> thanks!

>>

>>

>> I like to use Mahoney maps. Like Karaugh maps which are a specific

>>> arrangement of a Venn diagram, a Mahoney map is just another arrangement.

>>> The numbers within each block are the digital value of each term. Upper

>>> case letters the variable and lower case letters are its inverse. I

submit

>>> a 4 and 5 variable map. There are two kinds. one has the order of ABCDE

>>> and the other has the order EDCBA. Use the one that suits you. Make

sure

>>> you use a constant width font. Ratch

>>

>> Following is a four term map:

>>

>>> ABCD

>>> |-----b-----|-----B-----| |-----b-----|-----B-----|

>

> Shouldn't this read b B B b?

No, the map is correct. To prove it, simply read aBCD from the map.

It has a term value of 7. Ratch

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> kensmith@rahul.net forging knowledge

sci.electronics.design: Re: which software can used to solve k-map?

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