

Re: Need help with a circuit

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From: Active8 (reply2group_at_ndbbm.net)

Date: 12/28/04

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On 28 Dec 2004 14:31:25 -0800, Dark Alchemist wrote:

> *Hmmm, I was able to get all the way to the last part on my own but even*
> *looking at what you did (where I see an and gate) I am lost.*
>
> *So, I have two outputs (A, B) and your logic table works. Now all I*
> *need to do is take the $A \text{ AND } B = 0 \text{ or } 1$ in this instance. I noticed*
> *that $0 < x < 1$. 1 and 1 is 1 while 0 and 1 or 1 and 0 = 0*
> *so would it not be simpler to $(A \text{ AND } B) * \text{sqrt}(1-x^2)$? The product of*
> *that would be 0 or the sqrt part.*

That's very good! But you'd need an analog multiplier that works at DC if you go there. John simply used A && B as an enable, a much better approach.

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Best Regards,
Mike