

Re: Speed Control of single phase induction motor using TRIAC

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- *From:* Mark Harriss <[user@xxxxxxxxxxxx](mailto:user@xxxxxxxxxxxx)>
  - *Date:* Thu, 08 Feb 2007 18:04:19 +1000
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Newbie wrote:

On Feb 7, 12:28 pm, Mark Harriss <[u...@xxxxxxxxxxxx](mailto:u...@xxxxxxxxxxxx)> wrote:

Newbie wrote:

Thanks everybody for the help. Actually the project has been assigned to me by a very strict instructor of mine, so I can't tell her that its trivial or very hard etc etc. Also nothing else has been specified. As far as I understand I have to use TRIACs to design a variable voltage/frequency source, but thats the only thing I know. Can anyone suggest me a site or something from where I can get atleast a circuit diagram or the components to be used to design such a circuit.

There's a basic treatment of the topic in a ST Micro applications note where they cover several triac topologies and problems they may have.

<http://www.st.com/stonline/products/literature/an/3566.pdf>

Thanks Mark, the document really helped me. That was the thing which I needed. Lots and lots of thanks again.

Also take a look at some thyristor triac scr databooks circa 1970's in your campus library if they have any, the application notes should have something.