


[DOWNLOAD](#)


## Variable Voltage Variable Frequency Power Source Using SPWM

By Apurva Patil

LAP Lambert Academic Publishing Jun 2016, 2016.

Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - The efficient use of available power for various types of demand has remained an important issue in electronics engineering domain. Especially in the field of power electronics, demands of this type of power sources are increases at the different ranges. This power sources are generated with the help of different PWM techniques and different controlling techniques according to application. Thus the low cost variable voltage variable frequency power source is designing using PIC micro-controller. The configuration of ac to dc converter and dc to ac inverter is called a dc-link converter. In this system phase controlled methodology is used for variable voltage purpose. Initially fixed AC voltage and frequency is converted in to control AC and it rectifies. This DC again converted to AC with the help of an inverter. The PWM which is used in this system is sinusoidal pulse width modulation (SPWM). For the VVVF sinusoidal power source is developed using MOSFET H-bridge inverter. The output voltage and frequency will display on LCD. The proposed system provides wide range of voltage and frequency commands...



**READ ONLINE**  
[ 8.38 MB ]

### Reviews

*Undoubtedly, this is the best job by any article writer. This really is for all those who statte that there was not a worth reading. I am very easily can get a enjoyment of reading a published pdf.*

-- **Rowena Leannon**

*The book is straightforward in go through easier to recognize. it was actually writtern extremely perfectly and useful. I am very happy to explain how this is actually the greatest publication i have read through within my individual life and might be he finest ebook for actually.*

-- **Gladys Conroy**

## Related Kindle Books



### [Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade](#)

Book Condition: Brand New. Book Condition: Brand New.



### [Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade](#)

Book Condition: Brand New. Book Condition: Brand New.



### [Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.](#)

John Blake Publishing Ltd, 2013. Paperback. Book Condition: New. Brand new book. DAILY dispatch from our warehouse in Sussex, all international orders sent Airmail. We're happy to offer significant POSTAGE DISCOUNTS for MULTIPLE ITEM orders.



### [Maw Broon's Cooking with Bairns: Recipes and Basics to Help Kids](#)

Waverley Books Ltd, 2010. Hardcover. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders are dispatched Monday â" Friday....



### [Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



### [Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire](#)

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...