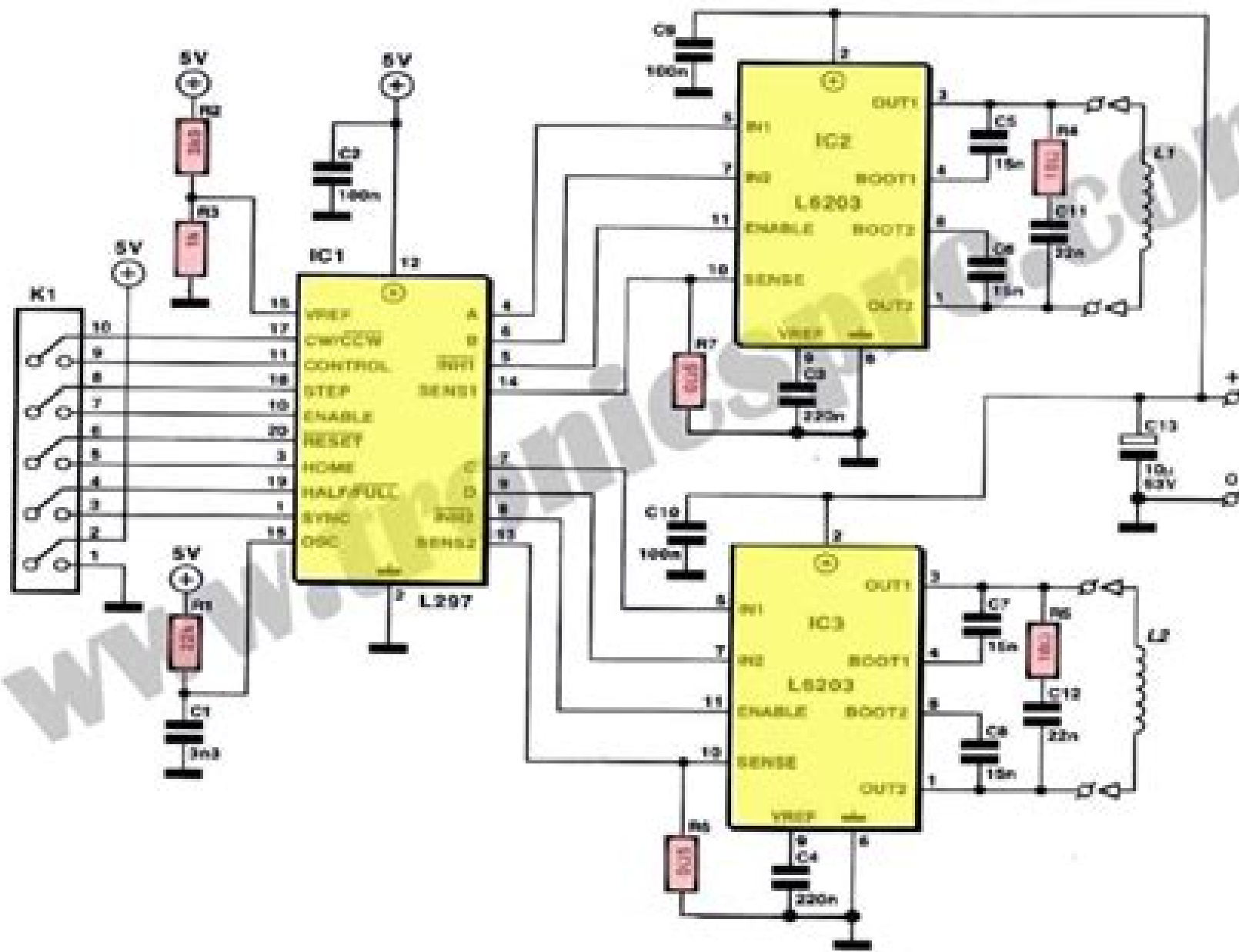


# Stepper Motor Control



# Hybrid Stepper Motor Driver Circuit

**Puja Mehta**

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*Control Techniques Drives and Controls Handbook* Bill Drury,2001 Annotation A comprehensive guide to the technology underlying drives motors and control units this title contains a wealth of technical information for the practising drives and electrical engineer

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Instrumentation Engineering Uday A. Bakshi, Varsha U. Bakshi, 2020-12-01 The book covers all the aspects of Basic Electrical and Instrumentation Engineering for undergraduate course Various concepts of three phase a c circuit analysis with balanced and unbalanced loads tariff and power factor improvement single phase and three phase transformers d c machines single phase and three phase induction motors alternators synchronous motors basics of measuring instruments and transducers are explained in the book with the help of comprehensive approach The book starts with explaining the three phase a c circuit analysis with balanced and unbalanced loads concept of transmission distribution and power system protection The discussion of tariff and power factor improvement is also added in support The book further explains single phase and three phase transformers Then book provides the detailed discussion of d c generators and motors The book also includes the discussion of three phase and single phase induction motors synchronous generators synchronous motors and other motors such as stepper motor brushless d c motor and universal motor The book covers the classification and basic requirements of a measuring instrument Then the book explains the static and dynamic characteristics and types of errors in measuring instruments The book provides in depth discussion of electronic multimeter and oscilloscope The book teaches the details of various types of transducers like resistive inductive capacitive thermoelectric piezoelectric photoelectric and Hall effect transducers The book uses plain simple and lucid language to explain each topic Each chapter gives the conceptual knowledge about the topic dividing it in the various sections and subsections Each chapter provides the detailed explanation of the topic practical examples and variety of solved problems The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting

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