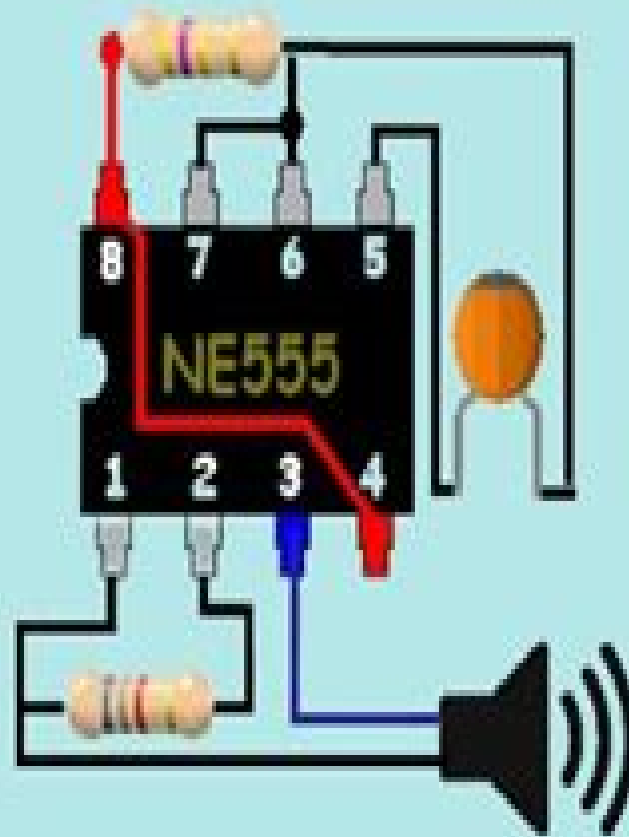


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The 555 Ic Project

Al Williams



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110 Integrated Circuit Projects for the Home Constructor R. M. Marston, 2016-05-13 110 Integrated Circuit Projects for the Home Constructor Second Edition Completely Revised describes five types of linear integrated circuits and 110 projects in which these can be utilized The book describes the typical characteristics of the 741 op amp with open loop voltage gain input impedance and the variety of ways where it can be used in basic linear amplifier applications The type 555 timer is designed for precision timing applications monostable multivibrator astable multivibrator and Schmitt trigger applications The XR 2206 i c can be used by the technician as a simple waveform generator or as a complex function generator with a variety of modulation facilities The LM380 i c is an easy to use general purpose power audio amplifier The technician can use it as simple non inverting 2W amplifier or in conjunction with a single bipolar transistor as a small baby alarm The 723 voltage regulator i c can be used in a variety of fixed or variable voltage power supply applications It can be used as a low voltage 2.7 2V regulator and if the technician modifies the circuit it can produce variable output voltages The book is suitable for engineers apprentices technicians and students of electrical engineering or electronics *Beginning Digital Electronics through Projects* Andrew Singmin, 2001-01-22 Digital electronics is a little more abstract than analog electronics and trying to find a useful starter book can be tough For those interested in learning digital electronics with a practical approach *Beginning Digital Electronics Through Projects* is for you It is published in the same tradition as *Beginning Analog Electronics Through Projects* Andrew Singmin's revision to the popular *Beginning Electronics Through Projects* *Beginning Digital Electronics Through Projects* provides practical exercises building techniques and ideas for over thirty five useful digital projects Some digital logic knowledge is necessary but the theory is limited to need to know information that will allow you to get started right away without complex math Many components in this text are common to either analog or digital electronics and beginners or hobbyists making their start here will find an overview of commonly used components and their functions described in everyday terms Each of the projects builds on the theory and component knowledge developed in earlier chapters establishing progressively more ambitious goals Step by step learning instructions help you determine the best ways of working with such projects as Schmitt Trigger Circuits Versatile ICs Digital Support Circuits and much more Two interesting wireless projects an FM receiver and an FM transmitter bring the final chapters of this book to a close Provides a logical step by step project based way to learn the basics of digital electronics Gives the reader hands on learning experiences through building simple projects Explains circuit design circuit testing and how to design your own projects [Electronics For Kids For Dummies](#) Cathleen Shamieh, 2016-03-15 The easy way for kids to get started with electronics If your youngster likes to tinker *Electronics For Kids For Dummies* is here to teach them the core concepts of electronics in a fun and engaging way Written in a language elementary to middle school aged kids can understand it's packed with full color photos easy to follow instructions simple examples and 13 cool projects that will boost

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