

Construction of Two-Tone Doorbell

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Abstract

Construct a simple and low cost two-tone doorbell circuit for calling bell purpose. The main part of this doorbell circuit is NE 555 timer IC. In this project NE 555 timer IC is used in astable multivibrator mode whose oscillation frequency can be varied with the help of R_1 , R_2 and C_1 . By adjusting the values of R_1 and R_2 modifications on the tone are possible. Power input of the circuit from a 9V battery or 9V DC power supply and 8 Ω loudspeaker is used as the output.

Key Words: 555 IC, circuit components, circuit construction, circuit operation

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