

EPROM BASED COMBINATION LOCK

by

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## S U M M A R Y

### EPROM BASED COMBINATION LOCK

The purpose of the project is to provide an electronic lock which can be used for many purposes. The user will be called upon to input a code which will open a lock, if it is the right one, or set an alarm if he misses.

This lock is based on an EPROM which in this case will be used as an encoder and following further electronic manipulations a lock will be opened by a relay, provided the correct code is present. The user will be given three (3) chances to find the correct code and hence open the lock otherwise the alarm will be set which can only be reset through internal circuitry where the user will have no access.

Through this project one can see an applicable "alarm system " for multipurposes in everyday life.

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