

ALARM CLOCK

The main objective of this project is to design a new model of an alarm clock using msp430. In this alarm clock there will be display of light and a tune will be played when the alarm is ringing.

For this project we use msp430, two 595 shift registers to drive a small LED matrix display Two push buttons are used as inputs and a buzzer is connected to a timer output to generate some tones. A resistor to pull up the reset line, clock quartz to keep track of the time and a buffer capacitor for good measure are all the additional parts needed.

Ravi Chandra reddy.k (G00855112)

Anish chandra gorthi (G00830622)

Apoorva Reddy.k (G00847779)

Pravalika Reddy.p (G00845445)