



antah pragnya ३ક્રિઃ

Rajiv Gandhi University Of Knowledge Technologies

OBJECTS COUNTING USING 7 SEGMENT DISPLAY

COLLEGE ID: B121599

Branch: ECE



Abstarct

- Poster explains about the theme of the project. It informs about the working, applications, disadvantages and design of the model.

Introduction

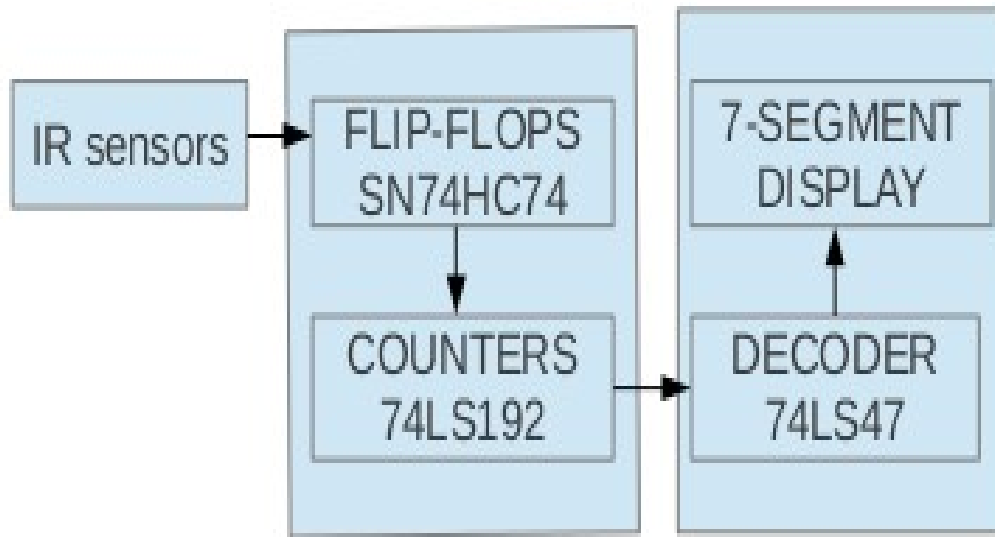
- To count the no of persons or objects coming in or out of the entrance using components aurdino, LDR, leser ect..

Advantages and Disadvantages

- Advantages:
- For security to check the absence of customers inside the shopping mall when they want to lock up the shopping mall .
- To count the no. Of persons coming in or out in schools, offices, museums and at other working places.
- Disadvantages
- As the no. of persons who are to be counted increases the circuit becomes little complicated

Classification

BLOCK DIAGRAM



Properties

Working:

- Initially IR sensors are used to sense the persons/objects coming in/out. From the receiver the clock signal goes to flip flops. From these information will be given as input to the counters and the counters count the number. If person/object enters count will be increased by one and if not count will be decreased by one. The information from this again will be given as input to the driver to display on the seven segment display,

Conclusion

- The model of this project is beneficial for the one whoever wants to count the number of persons/objects wherever they want.

References

- If one wants the number of persons who are entering to be restricted/limited then by using an alarm which specifically rings whenever the restricted number of persons entered inside. Even other than this alarm one can invent a method to close the door also whenever the alarm rings after the number of restricted persons are entered inside.