

DIGITAL TACHOMETER USING 8051 MICROCONTROLLER

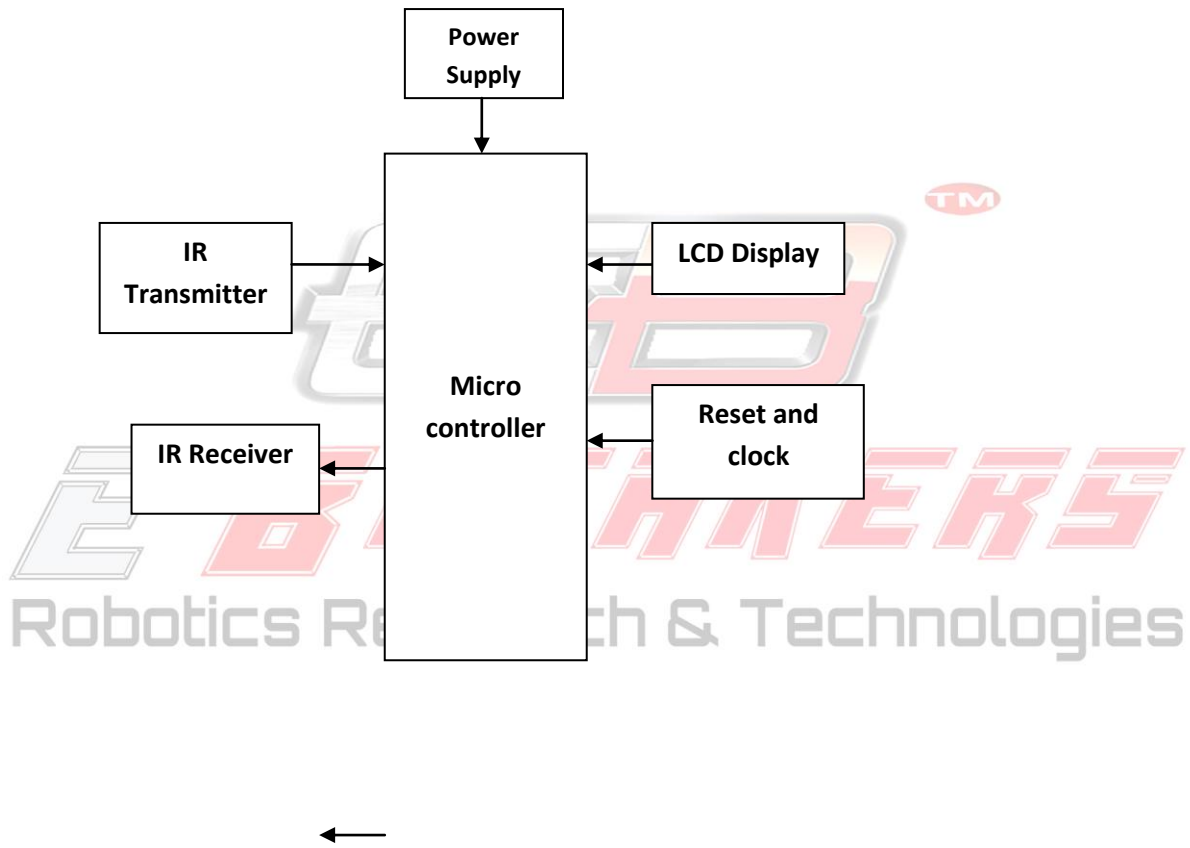
Description:

A three digit contact less digital tachometer using 8051 microcontroller which can be used for measuring the revolutions/second of a rotating wheel, disc, shaft or anything like that is introduced in this project. The tachometer can measure up to a maximum of 255 rev/sec at an accuracy of 1 rev/sec. What you just need to do is to align the sensor close to the reflective strip (aluminium foil, white paper or some thing like that) glued on the rotating surface and the meter shows the rev/sec on the display.



Robotics Research & Technologies

Block diagram:



Hardware requirements:

1. Micro controller
2. LCD
3. IR Transmitter, IR Receiver
4. Buzzer

Software requirements:

1. Keil software
2. Embedded c

