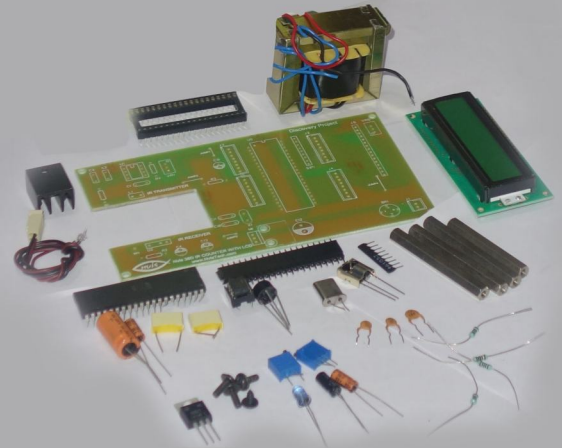
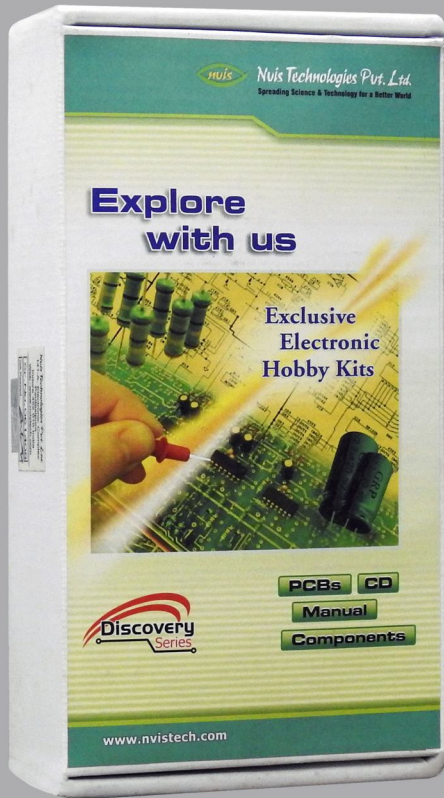




Advanced Level IR Counter with LCD Nvis 36D



In this circuit, microcontroller AT89C52 counts and shows on an LCD the number of interruption made between IR transmitter and receiver. The IR transmitter (IR LED) generates 38 KHz frequency from 555 timer . At receiver this frequency is sensed by IR receiver IC TSOP 1738. The interruptions generate pulses which are counted by the microcontroller and then display the counts (number of interruption) on LCD.

Features

- Visualization of output on an LCD.
- Simple and easy to perform.
- Descriptive operating manual with procedure.
- Circuit diagram with PCB Layout for better understanding

Technical Specifications

Power Supply	: 230 V, 50 Hz AC
Transformer	: 230/0-9 150mA
Crystal	: 11.0592 Mhz
IC	: 7805, NE555, AT89C52
IR sensor	: TSOP 1738

Designed & Manufactured in India by

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