

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



STUDY OF ASTABLE AND MONOSTABLE MULTIVIBRATOR **USING I.C. – 555, MODEL – AM – 555.**

DESCRIPTION :

Model – AM – 555 timer I.C. is designed to generate accurate and stable R – C defined periods for use as monostable and astable pulse generators. The popular timer I.C. – 555 is a versatile chip which has many features like operating wide voltage range, can sink or source high currents while itself consumes very little current, can generate pulse width modulation frequencies and even can be frequency modulated.

FEATURES :

- ** Circuit is printed on a painted aluminum sheet to facilitate better and clear understanding.
- ** A complete working manual containing operating instruction, theory and circuit details will be supplied alongwith experimental set - up.
- ** Builtin regulated and short circuit proof Power Supply.
- ** Stackable type connecting leads are supplied with the experimental board for easy and perfect inter connections.
- ** Builtin Pulser swtiche.

EXPERIMENTS :

1. To study IC – 555 as Monostable Multivibrator.
2. To study IC – 555 as Astable Multivibrator mode.
3. To study IC – 555 as bistable multivibrator.

OTHER APPARATUS REQUIRED :

1. A General purpose C.R.O.
2. Function Generator.
3. Stop Watch.