

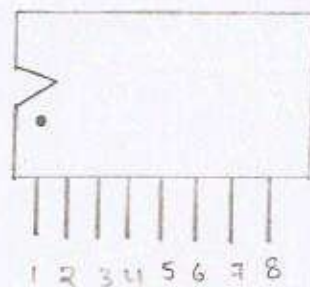
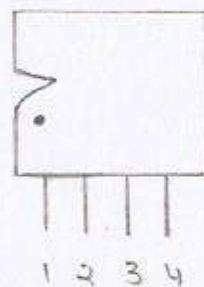
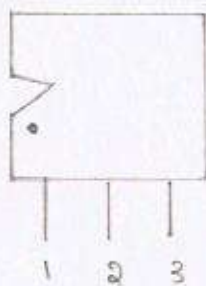
Introduction :-

Integrated Circuits (IC) play a very important part in Electronics.

Most of the IC's specially made for a specific task and contains upto thousands of Transistors, Diodes & Resistors.

Special purpose IC's such as Audio amplifiers, FM radios, logic blocks, regulators and even a whole micro computer in the form of a micro controller can be fitted inside a tiny package.

Some of simple integrated circuits are shown in below figures.



Depending on the way of manufacturing integrated circuits can be divided into two groups.

1. Hybrid
2. Monolithic

Hybrid :

Hybrid contains more than one layer.

Monolithic :

It contains only one layer.

Most of the integrated circuits are in DIL (Dual