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MATRIC NO.: 17/SCI01/016

COLLEGE: SCIENCE

DEPARTMENT: COMPUTER SCIENCE

**EIGHT (8) ADVANTAGES OF THE INTEGRATED CIRCUIT**

1. The entire physical size of the integrated circuit is extremely smaller than that of a discrete circuit.

1. The weight of an integrated circuit is very less as compared to entire discrete circuits.
2. It’s more reliable.
3. Because of their smaller size it has lower power consumption.
4. It can easily replace but it can hardly repair, in case of failure.
5. Because of an absence of parasitic and capacitance effect it has increased operating speed.
6. Temperature differences between components of a circuit are small.
7. It is suitable for small signal consumption.