NAME: SADIKU DAVID JESUFERANMI

MATRIC NO: 18/SCI01/082

**QUESTION**

List eight (8) advantages of integrated circuits

**SOLUTION**

1. The integrated circuits can be easily replaced but it can hardly repair, in the case of failure.
2. It is suitable for small signal operation
3. The integrated circuit is more reliable
4. The temperature differences between components of a circuits are small
5. It has lower consumption power due to their small size
6. It has increased the operating speed due to an absence of parasitic and capacitance effect
7. There is reduction in power consumption due to extremely small size of the integrated circuit
8. The entire size of the integrated circuit is extremely smaller that that of discrete circuit