



Solid State Electronics – Unit 9: Transistors

Transistor Questions

1. What conditions must be met for a transistor to be in the cutoff region?
2. What conditions must be met for a transistor to be in the saturation region?
3. What conditions must be met for a transistor to be in the active region?
4. What is the benefit of using the capacitor across the emitter resistor?
5. What happens if a load is placed on the common emitter?
6. What is the purpose of all the capacitors in the common emitter amplifier circuit?
7. How can a transistor be tested?
8. If the collector resistor happened to open what would happen to the output voltage if there were no load?





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