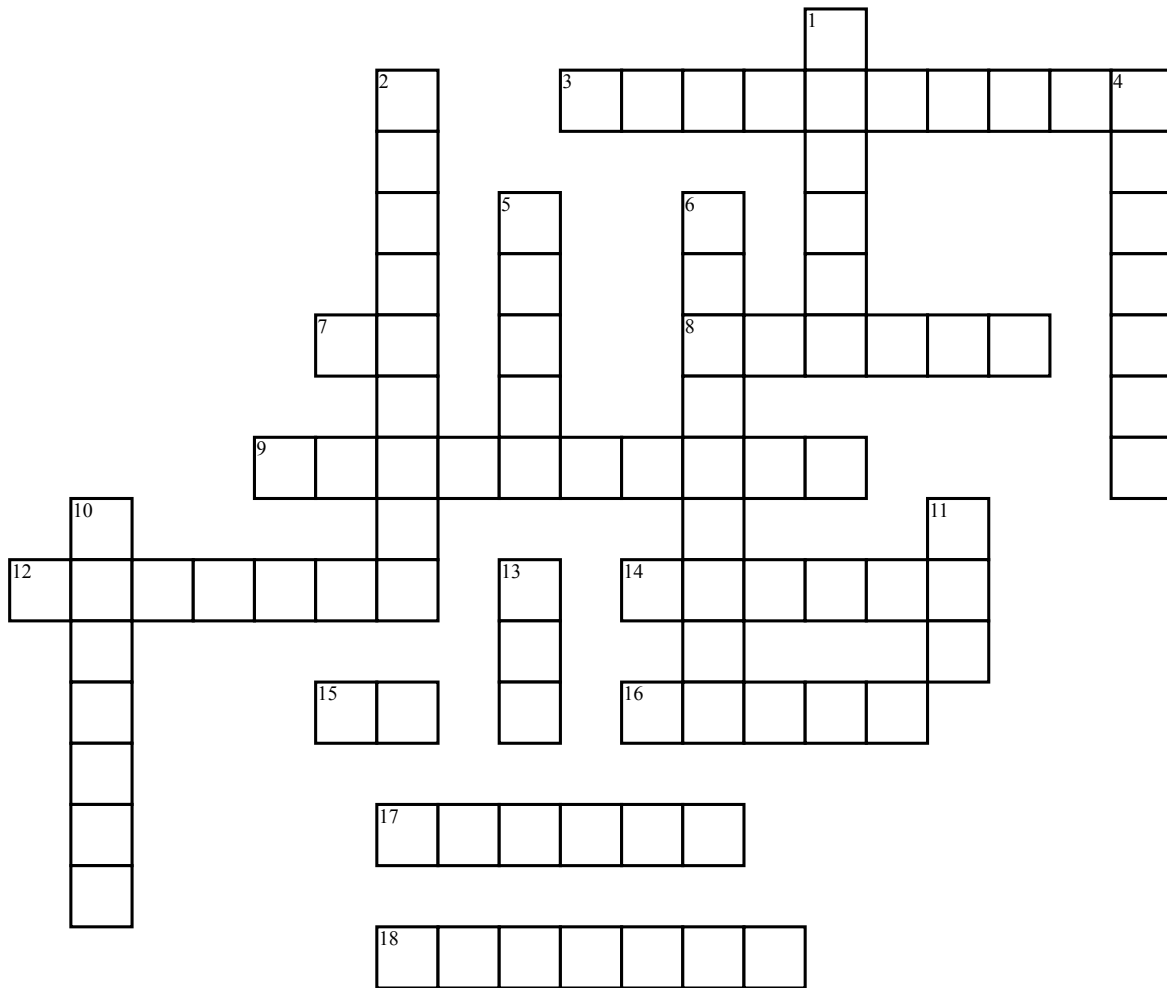


Crossword Puzzle on Diodes and BJT



Across

- 3. Converts light energy to electric energy
- 7. Both the voltage gain and current gain are greater than 1 in ___ configuration
- 8. BJT acts as OPEN switch in _____ region
- 9. BJT acts as ON switch in _____ region
- 12. This circuit is also called as limiter

14. AC content in DC output

15. Voltage gain is less than 1 in ___ configuration

16. _____ terminal of MOSFET is similar to collector in BJT

17. _____ terminal of MOSFET is similar to emitter in BJT

18. Output is twice the peak value of input

Down

1. Voltage controlled device

2. BJT region having largest area

4. Heavily doped region of BJT

5. Used for voltage regulation

6. Converts AC to pulsating DC

10. Input waveform shifted in positive or negative direction

11. Works on electroluminescence

13. Current controlled device