Assignment 7

1. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

2. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

3. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

4. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

5. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

6. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?

7. A 100 V, 100 μA, 100 mW, 10% bandgap reference diode is used in a circuit. The 10% bandgap of the diode is 0.7 V. The 10% bandgap reference is used to calibrate the circuit. What is the current through the diode when the input voltage is 10 V?