

A special type of voltage regulating diode. This type of diode conducts in the reverse direction from normal diodes, in other words from cathode to anode. To pass electricity through a Zener diode, it must be around eight to ten times the value of the normal diode, typically 4.7 volts. In normal operation a Zener can act as a signal filter, since electrical interference is usually too weak to get through it.

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