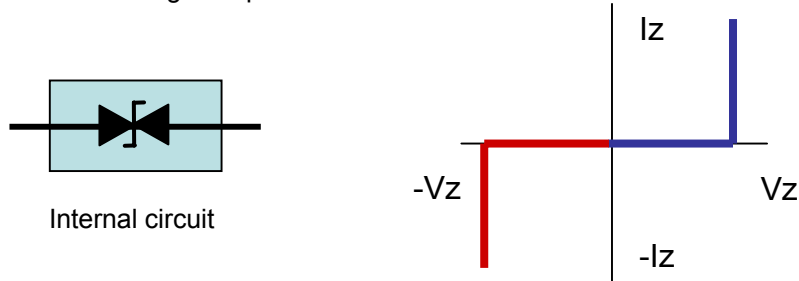


Bidirectional Zener Diodes for Surge Absorption

~ For the protection of LIN/CAN-BUS line and noise limiter ~ Oct 2008

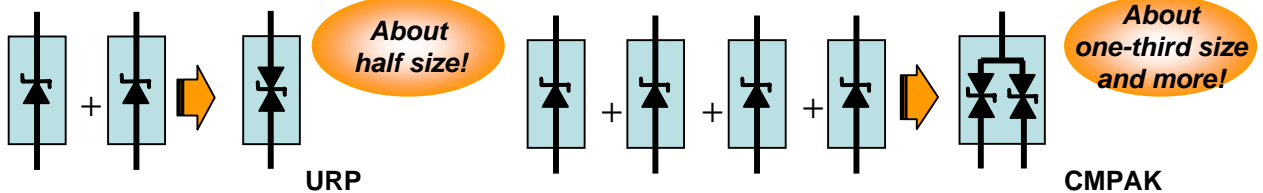
What is the Bidirectional Zener Diode for Surge Absorption?

Both forward and reverse directions have same characteristics as normal zener diodes for surge absorption. And it protects from the surges of plus and minas.



Features

► 1 element achieves the surge absorption of both forward and reverse directions. Therefore it is able to reduce the mounting area and the cost.



► High ESD Immunity (min.30kV guaranteed; Conform to IEC61000-4-2)

Product Lineup of RKZ-T Series

Part No.	Package	Pow er dissipation	Characteristics		
			Zener voltage Vz(V) (Iz=1mA)	C(pF) (VR=0V, f=1MHz)	ESD(KV) (C=150pF, R=330Ω)
RKZ16TKG	URP	200mW	14.5~17.5	max.(30pF)	min.30KV
RKZ18TKG			16.2~19.5		
RKZ27TKG			26.2~31.5		
RKZ16TWAQE	CMPAK		14.5~17.5		
RKZ18TWAQE			16.2~19.5		
RKZ27TWAQE			26.2~31.5		

Application Examples

For the protection of LIN and CAN-BUS line.

(LIN: Local Interconnect Network, CAN: Controller Area Network)

