

# LTspice Model

## Zener Diode

### Panasonic Corporation

### DZ2J150M0



#### Model Information

**Model** A macro model based on general SPICE diode model  
**Call Name** MDC\_DZ2J150M0\_LT  
**Pin Assign** 1:A 2:C  
**File List** Model Library MDC\_DZ2J150M0\_LT01.lib  
 Model Report MDC\_DZ2J150M0\_LT.pdf (this file)

**Verified Simulator Version** LTspice version XVII  
**Note**

#### References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version 12.Jul.2013 - Rev.3
- Product name DZ2J150M0
- Company name Panasonic Corporation
- Characteristics IfVf[Temp],IrVr[Temp],CjVr,BvTemp,IrVr(Breakdown)

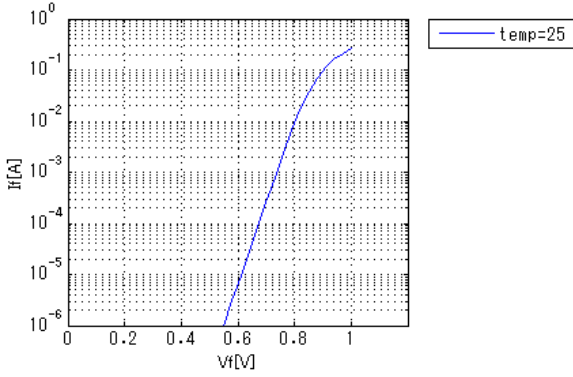
#### Simulation Range

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

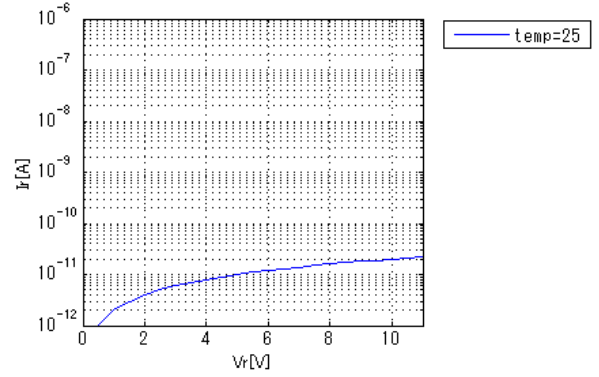
Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	10	V
Reverse Voltage	0	to	30	V
Temperature	-55	to	150	deg C

Simulation results are following.  
 Explanatory notes — : simulated

**IfVf[Temp]**

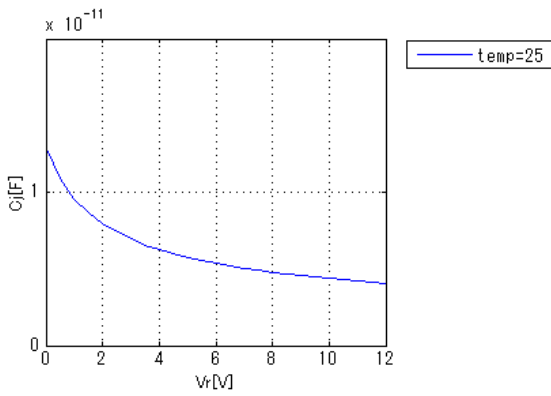


**IrVr[Temp]**

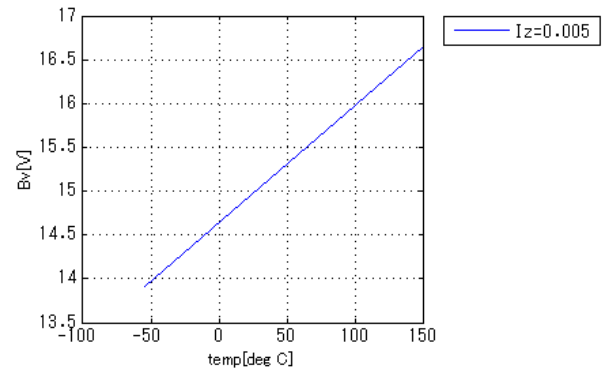


**CjVr**

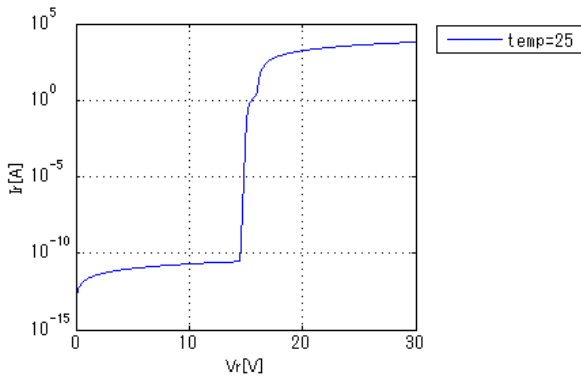
Freq. = 1MHz



**BvTemp**



**IrVr(Breakdown)**



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