

# LTspice Model

## Light Emitting Diode

### LITE-ON

### LTL1BEKVJNN

#### Model Information

**Model** A macro model based on general SPICE diode model  
**Call Name** MDC\_LTL1BEKVJNN\_LT  
**Pin Assign** 1:Red Anode 2:Common Cathode 3:Green Anode  
**File List** Model Library MDC\_LTL1BEKVJNN\_LT01.lib  
 Model Report MDC\_LTL1BEKVJNN\_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 None
- Product name LTL1BEKVJNN
- Company name Lite-On Technology Corporation
- Characteristics IfVf[Temp](Red),IfVf[Temp](Green)

#### Simulation Range

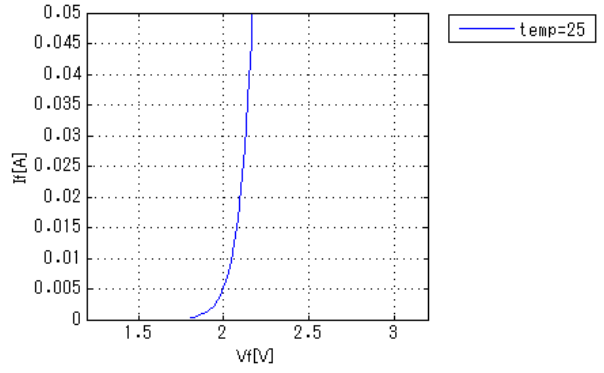
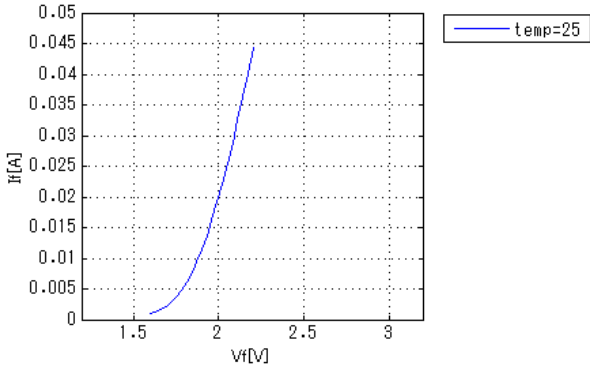
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Range			Unit
	Min.		Max.	
Forward Voltage	0	to	22	V
Reverse Voltage	0	to	10	V
Temperature	-55	to	100	deg C

Simulation results are following.  
Explanatory notes — : simulated

IfVf[Temp](Red)

IfVf[Temp](Green)



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