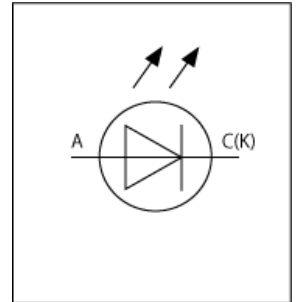


PSpice Model

Light Emitting Diode

STANLEY

VCPW1158LDS



Model Information

Model A macro model based on general SPICE diode model
Call Name MDC_VCPW1158LDS_PS
Pin Assign 1:A 2:C
File List Model Library MDC_VCPW1158LDS_PS01.lib
 Model Report MDC_VCPW1158LDS_PS.pdf (this file)

Verified Simulator Version PSpice version 16.6
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

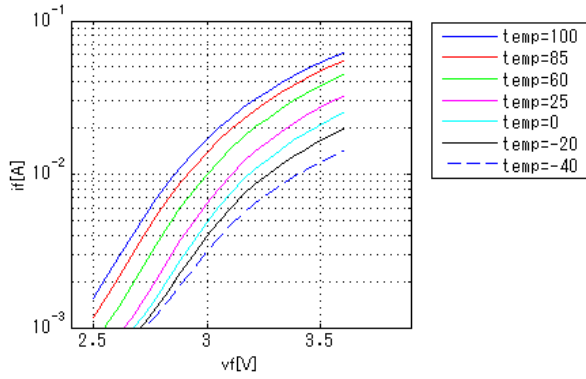
- Date/Version 2014/3/7
- Product name VCPW1158LDS
- Company name STANLEY ELECTRIC CO., LTD.
- Characteristics IfVf[Temp]

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	36	V
Reverse Voltage	0	to	10	V
Temperature	-40	to	110	deg C

Simulation results are following.
Explanatory notes — : simulated

IfVf[Temp]

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