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* DD Vishay Semiconductors Italiana SPA

* File Name: 8EVH06.txt

* This document is intended as a SPICE modeling guideline and does not
* constitute a commercial product datasheet. Designers should refer to the
* appropriate datasheet of the same number for guaranteed specification
* limits.

* Electrical spice model @(25°C & 150°C)

* 8EVH06

* T=25°C-150°C

.MODEL 8EVH06 D

+ IS=9.431E-5

+ N=4.3

+ RS=1.375E-2

+ IKF=.36

+ CJO=80.25E-12

+ M=.41178

+ VJ=.3905

+ ISR=10.010E-21

+ NR=4.9950

+ BV=750

+ IBV=.25865

+ TT=11E-9

+ XTI=23

+ Tikf=0.084

+ Trs1=0.0001

*THERMAL MODEL SUBCIRCUIT

*RC Foster model

.SUBCKT zth-8EVH06 Tj Tc

R THERM1	Tj	1	1.756e-02
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R THERM2	1	2	8.137e-01
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R THERM3	2	3	5.590e-02
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R THERM4	3	Tc	8.240e-01
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C THERM1	Tj	1	7.675e-05
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C THERM2	1	2	2.312e-02
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C THERM3	2	3	6.367e-04
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C THERM4	3	Tc	2.815e-03
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.ENDS zth-8EVH06



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