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\*May 3, 2023

\*DD Vishay Semiconductor Italiana SPA

\*File Name: VS-65APS-EPS12L

\*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.

\*Model fit device at 25°C

\*DEVICE=VS-65APS-EPS12L, D

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.MODEL VS-65APS-EPS12L D

+ IS=2.4702E-9

+ N=1.4874

+ RS=2.2544E-3

+ IKF=19.146

+ CJO=847.80E-12

+ M=.46631

+ VJ=.6802

+ ISR=61.920E-9

+ NR=4.9950

+ BV=1.3900E3

+ IBV=100.00E-6

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.ENDS

Thermal Model Subcircuit

.SUBCKT VS-65EPS-APS12L 5 1

CTHERM1	5	4	1.40E-02
CTHERM2	4	3	1.80E-01
CTHERM3	3	2	2.08E+00
CTHERM4	2	1	1.14E+03

RTHERM1	5	4	2.15E-02
RTHERM2	4	3	8.14E-02
RTHERM3	3	2	1.42E-01
RTHERM4	2	1	1.00E-07

.ENDS VS-65APS-EPS12L

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