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*January 18, 2023

*DD Vishay semiconduttori italiana SPA

*File Name: VS-EBU15006

*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-EBU15006,D

.MODEL EBU15006 D

+ IS=5.0000E-9

+ N=1.4196

+ RS=1.1376E-3

+ IKF=.83023

+ CJO=2.1231E-9

+ M=.46941

+ VJ=.3905

+ ISR=279.25E-12

+ NR=4.9950

+ BV=640

+ IBV=100.00E-6

+ TT=57.101E-9

.ENDS

Thermal Model Subcircuit

.SUBCKT VS- EBU15006 5 1

CTHERM1	5	4	1.07E-03
CTHERM2	4	3	2.46E-02
CTHERM3	3	2	3.50E-01
CTHERM4	2	1	3.01E+00

RTHERM1	5	4	1.07E-01
RTHERM2	4	3	1.48E-01
RTHERM3	3	2	9.47E-02
RTHERM4	2	1	1.00E-04

.ENDS VS- EBU15006



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