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*May 5, 2020

*DD Vishay semiconduttori italiana SPA

*File Name: VS-60APU-EPU04.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.

*Model fit device at 25°C

*DEVICE=VS-60APU-EPU04,D

.MODEL VS-60APU-EPU04 D

+ IS=40.368E-9

+ N=1.4746

+ RS=1.4929E-3

+ IKF=1.3886

+ CJO=1.5143E-9

+ M=.46385

+ VJ=.3905

+ ISR=8.3950E-9

+ NR=12.987

+ BV=440.05

+ IBV=.12934

+ TT=63.717E-9

+ FC=0.2

+ XTI=2

.ENDS

*Thermal model Tj equivalent die node Ta equivalent ambient temperature

C1 N001 Tj $1e-2$

R1 N001 Tj $1e-2$

C2 N002 N001 $5.43e-2$

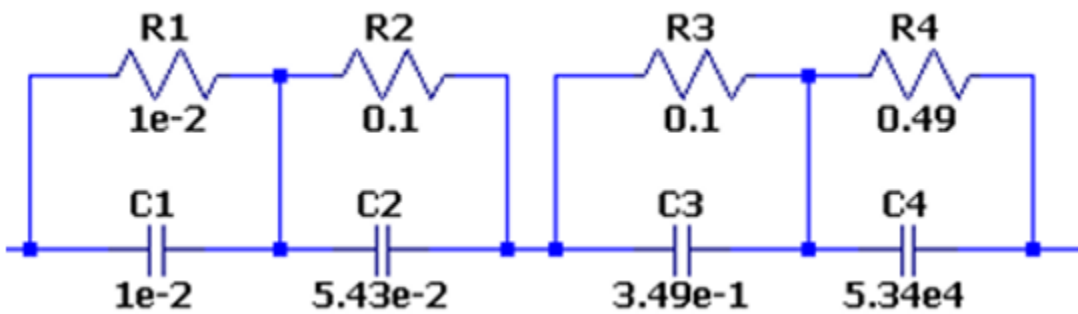
R2 N002 N001 0.1

C3 N003 N002 $3.49e-1$

R3 N003 N002 0.1

C4 Ta N003 $5.34e4$

R4 Ta N003 0.49





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