\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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\*July 9, 2021

\*DD Vishay semiconduttori italiana SPA

\*File Name: VS-30BQ100

\*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-30BQ100, D

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.MODEL 30BQ100 D

+ IS=300.00E-9

+ N=1.2869

+ RS=30.881E-3

+ IKF=69.885E-3

+ CJO=144.73E-12

+ M=.60722

+ VJ=5.9842

+ ISR=300.35E-9

+ NR=4.9950

+ BV=110

+ IBV=10.000E-3

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.ENDS