

SPICE Model Parameters

Please copy this code from the SPICE model into LTSPICE (version 4) software for simulation of the GA08JT17-247.

```
*      MODEL OF GeneSiC Semiconductor Inc.
*
*      $Revision:   1.3                $
*      $Date:      26-AUG-2014        $
*
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*      Dulles, VA 20166
*
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*
*      These models are provided "AS IS, WHERE IS, AND WITH NO WARRANTY
*      OF ANY KIND EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED
*      TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
*      PARTICULAR PURPOSE."
*      Models accurate up to 2 times rated drain current.
*
.model GA08JT17 NPN
+ IS      3.73E-47
+ ISE     5.50E-27
+ EG      3.2
+ BF      63
+ BR      0.55
+ IKF     200
+ NF      1
+ NE      2.021
+ RB      6.0
+ RBM     0.9
+ IRB     1e-4
+ RE      0.103394007
+ RC      0.151605993
+ CJC     2.77E-10
+ VJC     3.023103628
+ MJC     0.460762158
+ CJE     8.23E-10
+ VJE     2.945448229
+ MJE     0.498044294
+ XTI     3
+ XTB     -0.7
+ TRC1    7.50E-3
+ VCEO    1700
+ ICRATING 8
+ MFG     GeneSiC_Semiconductor
*End of GA08JT17 SPICE Model
```