

SPICE thermal model

BUK768R1-40E

| Symbol | Parameter | Conditions | Min | Typ | Max | Unit |
|----------------|---|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base | | - | - | 1.56 | K/W |

| | |
|-----------|--------------------|
| C_{th1} | 4.740E-05 F |
| C_{th2} | 3.573E-04 F |
| C_{th3} | 2.573E-04 F |
| C_{th4} | 9.872E-04 F |
| C_{th5} | 2.798E-03 F |
| C_{th6} | 7.463E-03 F |
| C_{th7} | 2.715E-01 F |
| C_{th8} | 3.781E+01 F |
| R_{th1} | 1.715E-03 Ω |
| R_{th2} | 3.454E-03 Ω |
| R_{th3} | 3.886E-02 Ω |
| R_{th4} | 1.014E-01 Ω |
| R_{th5} | 3.814E-01 Ω |
| R_{th6} | 8.981E-01 Ω |
| R_{th7} | 1.681E-01 Ω |
| R_{th8} | 5.350E-03 Ω |



Part: BUK768R1-40E
 Date: 11/4/2013
 Model Rth 1.60 K/W