

SPICE thermal model

BUK965R4-40E

| Symbol | Parameter | Conditions | Min | Typ | Max | Unit |
|----------------|---|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base | | - | - | 1.09 | K/W |

| | |
|-----------|--------------------|
| C_{th1} | 7.777E-05 F |
| C_{th2} | 5.590E-04 F |
| C_{th3} | 4.173E-04 F |
| C_{th4} | 1.668E-03 F |
| C_{th5} | 4.591E-03 F |
| C_{th6} | 1.183E-02 F |
| C_{th7} | 5.894E-01 F |
| C_{th8} | 6.237E+01 F |
| R_{th1} | 1.138E-03 Ω |
| R_{th2} | 2.238E-03 Ω |
| R_{th3} | 2.653E-02 Ω |
| R_{th4} | 6.359E-02 Ω |
| R_{th5} | 2.437E-01 Ω |
| R_{th6} | 6.823E-01 Ω |
| R_{th7} | 9.785E-02 Ω |
| R_{th8} | 3.577E-03 Ω |



Part: BUK965R4-40E
 Date: 11/4/2013
 Model Rth 1.12 K/W