

SPICE thermal model

BUK7E5R2-100E

| Symbol | Parameter | Conditions | Min | Typ | Max | Unit |
|----------------|---|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base | | - | - | 0.43 | K/W |

| | |
|-----------|--------------------|
| C_{th1} | 2.727E-04 F |
| C_{th2} | 1.961E-03 F |
| C_{th3} | 1.472E-03 F |
| C_{th4} | 5.515E-03 F |
| C_{th5} | 1.889E-02 F |
| C_{th6} | 3.370E-02 F |
| C_{th7} | 7.373E-01 F |
| C_{th8} | 2.812E+02 F |
| R_{th1} | 3.269E-04 Ω |
| R_{th2} | 6.428E-04 Ω |
| R_{th3} | 7.505E-03 Ω |
| R_{th4} | 1.817E-02 Ω |
| R_{th5} | 6.176E-02 Ω |
| R_{th6} | 2.678E-01 Ω |
| R_{th7} | 7.287E-02 Ω |
| R_{th8} | 6.467E-04 Ω |



Part: BUK7E5R2-100E
 Date: 11/4/2013
 R_{th} 0.43 K/W