

SPICE thermal model

BUK753R5-60E

| Symbol | Parameter | Conditions | Min | Typ | Max | Unit |
|----------------|---------------------------------------------------|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base | | - | - | 0.51 | K/W |

| | |
|-----------|--------------------|
| C_{th1} | 2.085E-04 F |
| C_{th2} | 1.582E-03 F |
| C_{th3} | 1.124E-03 F |
| C_{th4} | 4.066E-03 F |
| C_{th5} | 1.379E-02 F |
| C_{th6} | 2.696E-02 F |
| C_{th7} | 6.892E-01 F |
| C_{th8} | 1.806E+02 F |
| R_{th1} | 4.200E-04 Ω |
| R_{th2} | 8.136E-04 Ω |
| R_{th3} | 9.132E-03 Ω |
| R_{th4} | 2.352E-02 Ω |
| R_{th5} | 8.209E-02 Ω |
| R_{th6} | 3.277E-01 Ω |
| R_{th7} | 7.932E-02 Ω |
| R_{th8} | 8.874E-04 Ω |



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Part: BUK753R5-60E
 Date: 17/4/2013
 Model Rth 0.52 K/W