

SPICE thermal model

BUK6228-55C

| Symbol | Parameter | Conditions | Min | Typ | Max | Unit |
|----------------|---|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base | | - | - | 2.52 | K/W |

| | |
|-----------|--------------------|
| C_{th1} | 1.100E-02 F |
| C_{th2} | 1.644E-03 F |
| C_{th3} | 4.008E-04 F |
| C_{th4} | 9.768E-05 F |
| C_{th5} | 2.381E-05 F |
| C_{th6} | 5.803E-06 F |
| C_{th7} | 1.415E-06 F |
| C_{th8} | 3.448E-07 F |
| R_{th1} | 1.537E+00 Ω |
| R_{th2} | 7.070E-01 Ω |
| R_{th3} | 1.980E-01 Ω |
| R_{th4} | 5.600E-02 Ω |
| R_{th5} | 1.600E-02 Ω |
| R_{th6} | 4.384E-03 Ω |
| R_{th7} | 1.230E-03 Ω |
| R_{th8} | 3.452E-04 Ω |



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Part: BUK6228-55C
 Version: 1
 Date: 7-7-2010
 Rth: 2.515893709