

Thermal RC network (Foster)

SPICE thermal model

BUK964R8-60E

| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|-----------|---|-------------|-----|-------------|--|----------|
| Rth(j-mb) | thermal resistance from junction to mounting base | | - | - | 0.64 | K/W |
| | | | | | | |
| | Cth ₁ | 1.572E-04 F | | \triangle | | |
| | Cth ₂ | 1.124E-03 F | | | <u>tj</u> | |
| | Cth ₃ | 8.462E-04 F | | | | |
| | Cth ₄ | 3.272E-03 F | | | ↑ _{₽#} , ⊥ | |
| | Cth ₅ | 1.019E-02 F | | | 」Rth1 井 Cth1 | |
| | Cth ₆ | 2.118E-02 F | | | | |
| | Cth ₇ | 5.698E-01 F | | | | |
| | Cth ₈ | 1.813E+02 F | | | Rth ₂ + Cth ₂ | <u>:</u> |
| | Rth₁ | 5.654E-04 Ω | | | | |
| | Rth ₂ | 1.114E-03 Ω | | | 5 | |
| | Rth ₃ | 1.315E-02 Ω | | | Rth3 = Cth3 | } |
| | Rth ₄ | 3.159E-02 Ω | | | | |
| | Rth ₅ | 1.138E-01 Ω | | | | |
| | Rth ₆ | 3.999E-01 Ω | | | Rth4 + Cth4 | |
| | Rth ₇ | 9.381E-02 Ω | | | J4 T 94.114 | • |
| | Rth ₈ | 1.005E-03 Ω | (| (P) | | |
| | | | | \bigvee , | 5 | |
| | | | | | Rth5 + Cth5 | ; |
| | | | | ' | ┖┿╜ | |
| | | | | | | |
| | | | | | Rth ₆ + Cth ₆ | |
| | | | | l | |) |
| | | | | | | |
| | | | | | 5 | |
| | | | | | Rth7 + Cth7 | • |
| | | | | | | |
| Part: | BUK964R8-60E | | | | | |
| ait. | DO1/3041/0-00E | | | | Rth8 + Cth8 | ! |
| Date: | 11/4/2013 | | | | المالية كالمالية المالية المال | • |
| Model Rth | 0.65 K/W | | | | | |
| | | | | Ţ | t _{amb} | |
| | | | | V | 001aal768 | } |