

Thermal RC network (Foster)

SPICE thermal model

BUK7Y6R0-60E

| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|----------|---|-------------|-----|--|--------------|------|
| th(j-mb) | thermal resistance from junction to mounting base | | - | - | 0.77 | K/W |
| | | | | | | |
| | Cth ₁ | 6.162E-05 F | | ∱ \$ | | |
| | Cth ₂ | 4.070E-04 F | ı | | \neg | |
| | Cth ₃ | 4.396E-04 F | | | | |
| | Cth ₄ | 3.634E-03 F | | | tth1 #Cth1 | |
| | Cth ₅ | 6.243E-03 F | | 닏 | | |
| | Cth ₆ | 1.557E-02 F | | | | |
| | Cth ₇ | 1.939E-01 F | | Н | _ | |
| | | | | F | tth2 = Cth2 | |
| | | | | ' ' | _ | |
| | Rth ₁ | 1.359E-03 Ω | | _ | - | |
| | Rth ₂ | 2.443E-03 Ω | | | tth3 📥 Cth3 | |
| | Rth ₃ | 1.954E-02 Ω | | ∐ .՝ | | |
| | Rth ₄ | 2.996Ε-02 Ω | | _ | • | |
| | Rth ₅ | 1.383E-01 Ω | | | | |
| | Rth ₆ | 5.185E-01 Ω | | | tth4 = Cth4 | |
| | Rth ₇ | 6.149E-02 Ω | لے | 느 보 | | |
| | | | (F | ') _ | | |
| | | | | 一 巾_ | ш 丄 | |
| | | | | | iths = Cth5 | |
| | | | | ᆫ | - | |
| | | | | _ | - | |
| | | | | | the ± Cth6 | |
| | | | | μ. | | |
| | | | | _ | — | |
| | | | | | • | |
| | | | | P | tth7 🕇 Cth7 | |
| | | | | 닏 | | |
| | | | | | | |
| Part: | BUK7Y6R0-60E | | | | | |
| | | | | | | |
| Date: | 25/1/2013 | | | | | |
| Rth | 0.77 K/W | l | | | | |
| | | | | √ t _{en} | nb | |
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