

Thermal RC network (Foster)

PSMN3R8-100BS

SPICE thermal model

| Symbol | Parameter | Conditions | Min | Тур | Max | Unit |
|-----------|--------------------|------------|-----|------|-----|------|
| Rth(j-mb) | thermal resistance | | = | 0.22 | = | K/W |
| | from junction to | | | | | |
| | mounting base | | | | | |

| Cth1 | 1.956540E+0 | F | Rth1 | 5.266510E-2 | Ω |
|------|-------------|---|------|-------------|---|
| Cth2 | 2.890660E-2 | F | Rth2 | 1.387320E-1 | Ω |
| Cth3 | 1.028770E+0 | F | Rth3 | 5.432620E-3 | Ω |
| Cth4 | 1.877430E-3 | F | Rth4 | 5.051190E-3 | Ω |
| Cth5 | 7.181940E-3 | F | Rth5 | 6.041310E-3 | Ω |
| Cth6 | 7.238020E-3 | F | Rth6 | 6.041770E-3 | Ω |
| Cth7 | 7.207870E-3 | F | Rth7 | 6.041530E-3 | Ω |
| | | | | | |

Part Name: PSMN3R8-100BS Date: 19 June 2019

