THERMAL MANAGEMENT

datasheet p.23 10.4
P = 4 * rds * Irms^2

Junction-to-case: 19.3°C/W
Junction-to-board: 11.5°C/W

Power Dissipation:
4 * 0.75mΩ * 2^2 * 0.7 = 8W4
< 100°C à 25°C amb. ΔT 75°C
75°C / 8.4W = 8.9°C/W

8.4W * 11.5°C/W / (11.5W - 8.4W) = 31.2°C/W
Heatsink max: 30°C/W