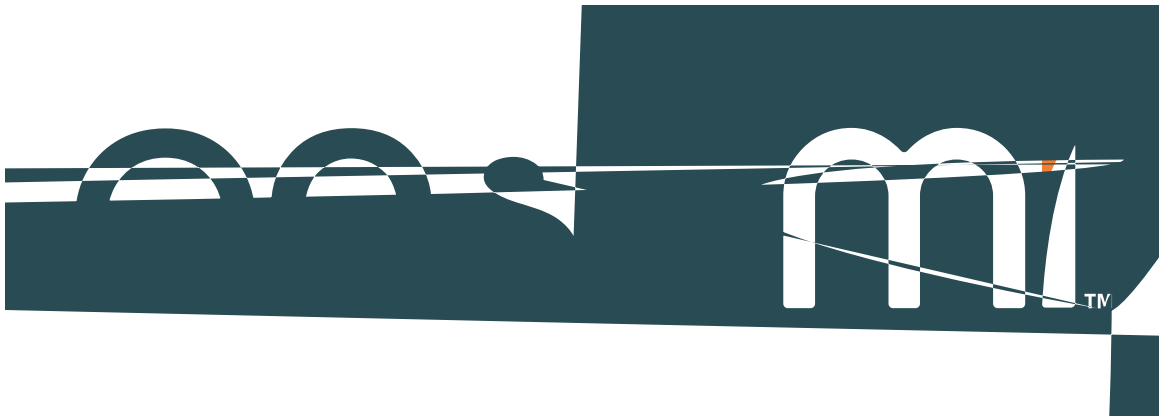


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www.nsmi.com



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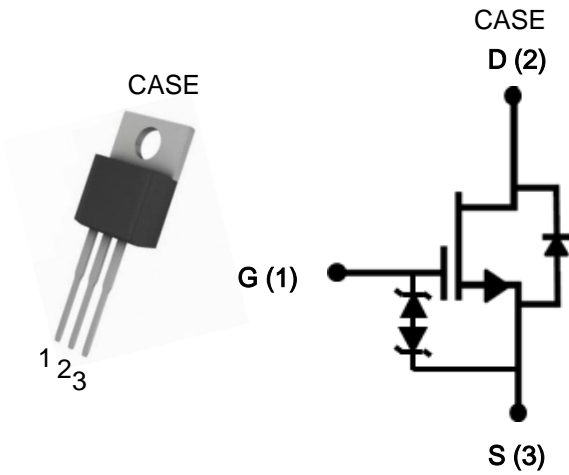
DATASHEET

UF3C065030T3S

Rev. , J ! 2 < ! 2 0 0 % 0 0 CE

Description

United



Part Number	Package	Marking
UF3C065030T3S	TO-220-3L	UF3C065030T3S





Maximum Ratings



Electrical Characteristics (T_J)



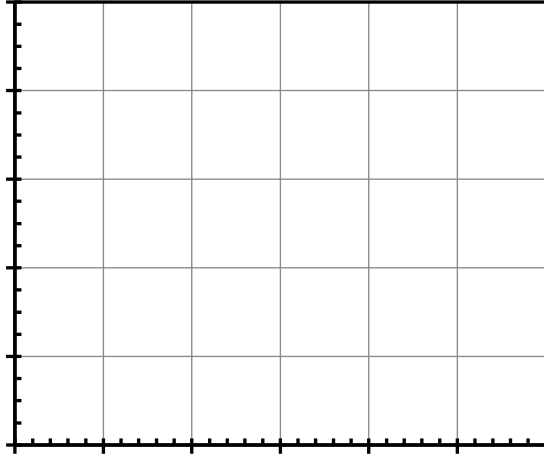


Figure 5. Typical drain-source on-resistances at $V_{GS} = 12V$

Figure 6. Typical transfer characteristics at $V_{DS} = 5V$

Figure 7. Threshold voltage vs. junction temperature at $V_{DS} = 5V$ and $I_D = 10mA$

Figure 8. Typical gate charge at $V_{DS} = 400V$ and $I_D = 50A$



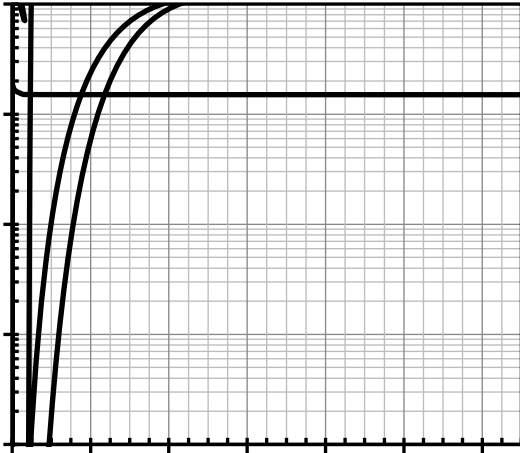


Figure 13. Typical capacitances at $f = 100\text{kHz}$ and $V_{gs} = 0\text{V}$

Figure 14. DC drain current derating

Figure 15. Total power dissipation

Figure 16. Maximum transient thermal impedance





(a)

(b)

(a)

(b)

Figure 21. Clamped inductive switching turn-off energy including RC snubber energy loss (a) and RC snubber



(a)

(b)

Figure 22. Clamped inductive switching energy including RC snubber energy loss (a) and RC snubber energy I

(a)

(b)







TO-220-3L PACKAGE OUTLINE, PART MARKING AND TUBE SPECIFICATIONS

PART MARKING

PACKING TYPE

ANTI-STATIC TUBE

QUANTITY /TUBE : 50 UNITS

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