

5 é / Descriptions

TO-252 .> // x N ?ú 3 650V Ý È W + ä « | • 'ož
N-CHANNEL 650V Super-Junction Power MOSFET in a TO-252 Plastic Package.

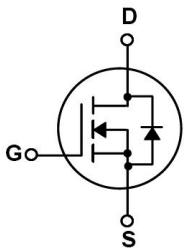
α^a / Features

8*9 u 4 k y > z k) x y 4 k • ¼ , † ½ k —)í D }ož
Low R_{DS(on)}, low gate charge, low C_{rss}, fast switching, HF Product.

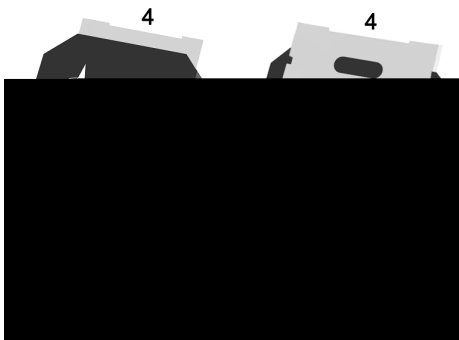
Đ ÷ / Applications

9 z 9 è ò y V ñ è o • *) *) ô Eo • Ž ` " D } > ä | ô Eo ž
Suited for low voltage applications such as automotive, DC/DC Converters, and high efficiency switching for power management in portable and battery operated products.

Ã W] Ô . / Equivalent Circuit



• Ũ - æ / Pinning



PIN 1 y G

PIN 2 y D

PIN 3 y S

PIN 4 y D

, M V / Marking

• - ~^a ϕ ož

See Marking Instructions.

@ f
Parameter

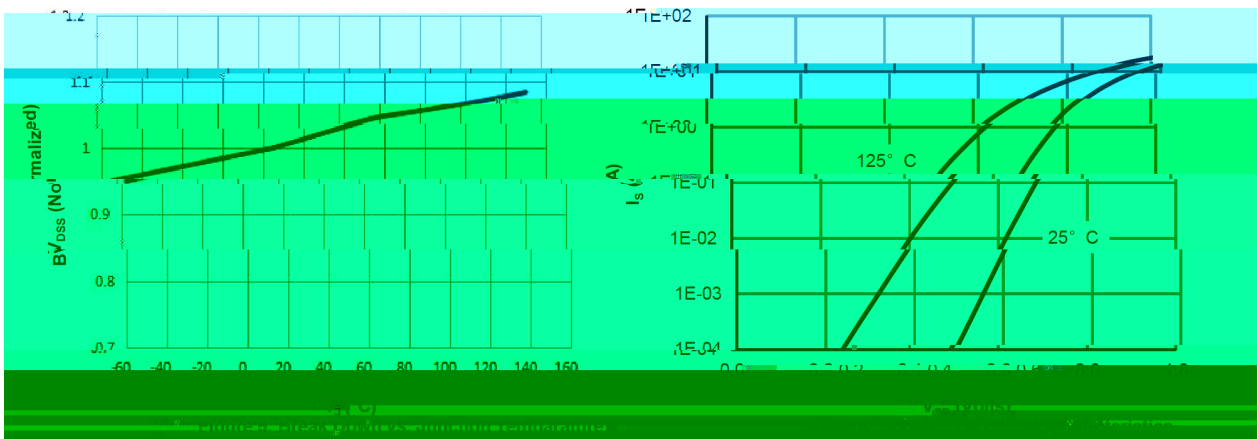
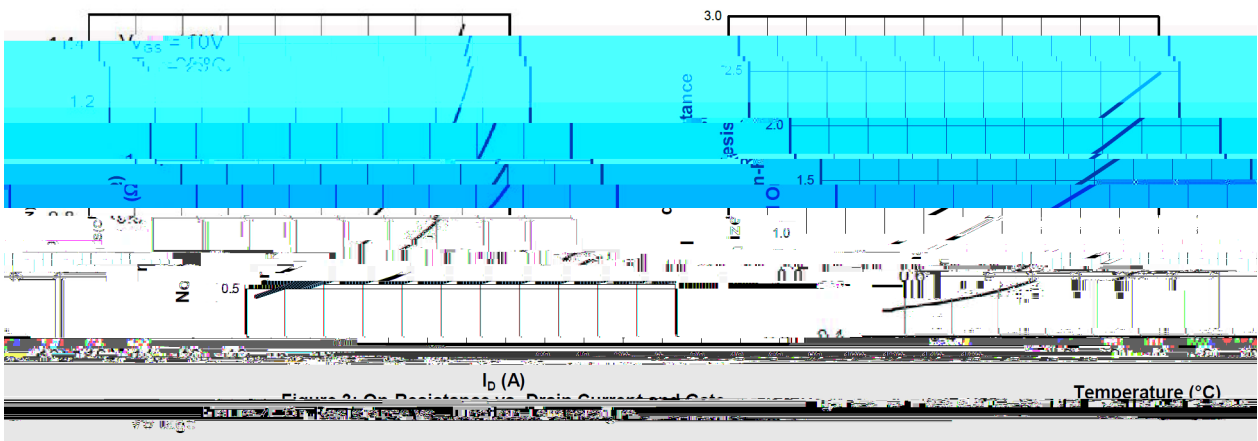
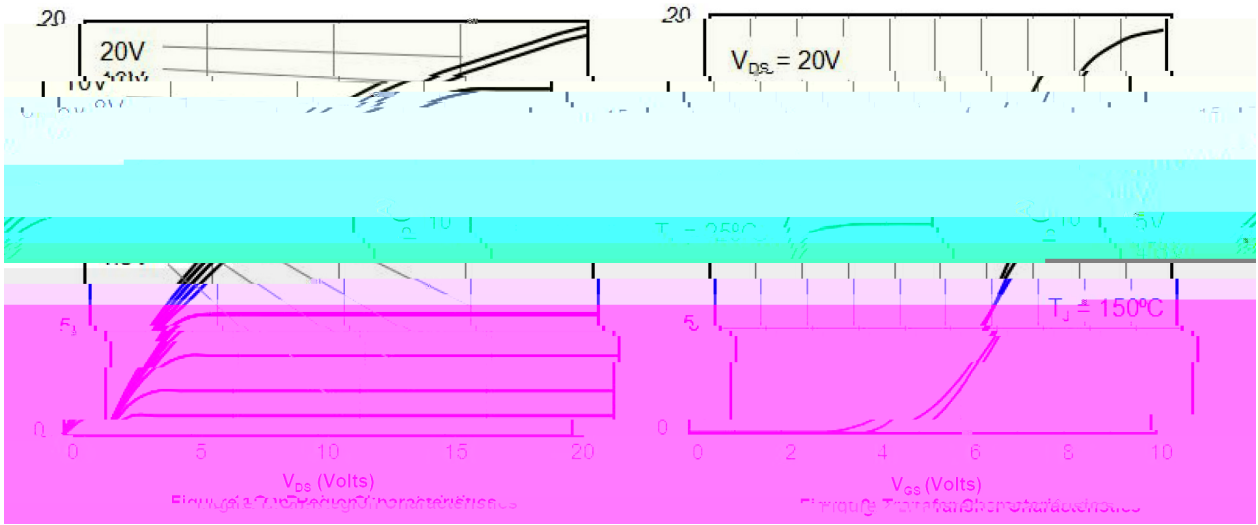
... Z
Symbol

f)

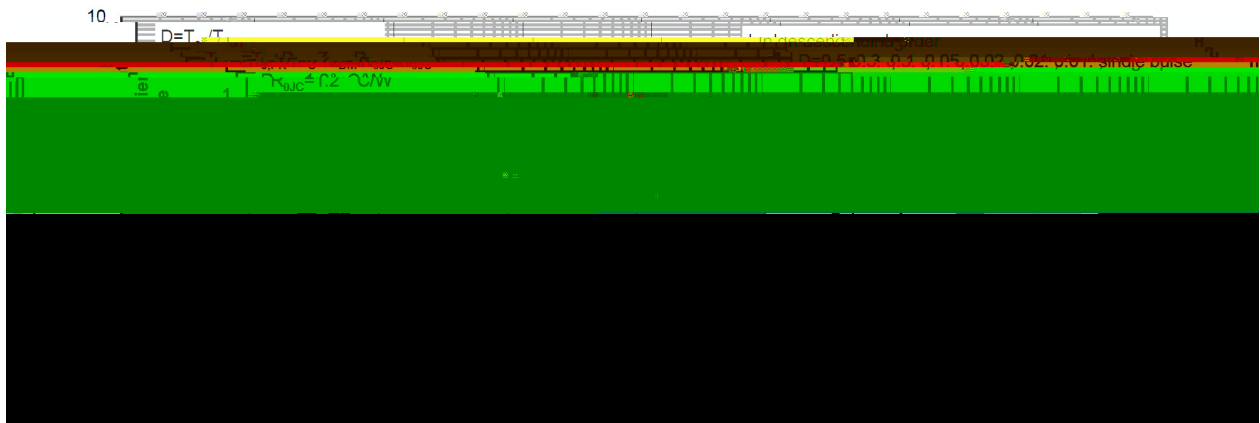
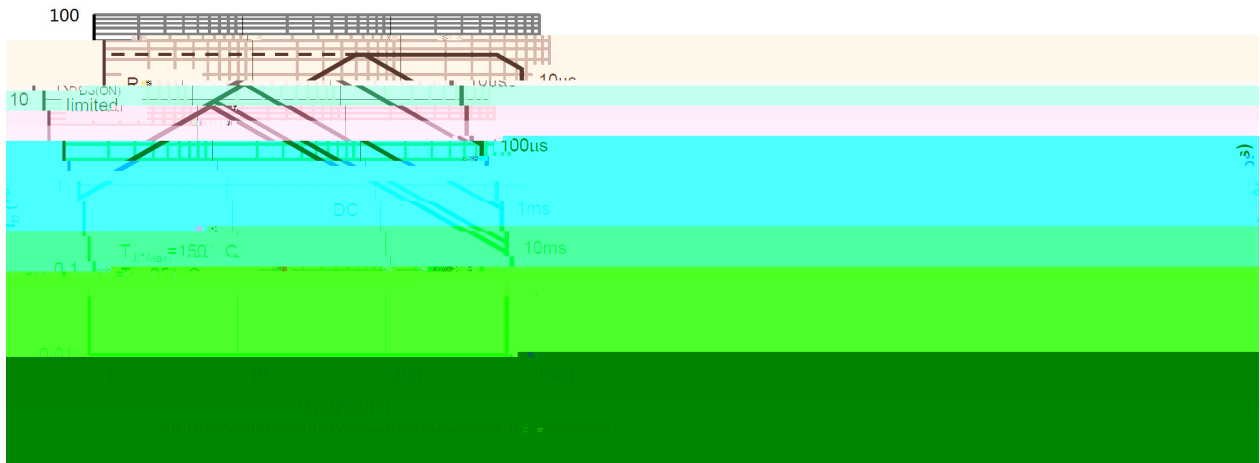
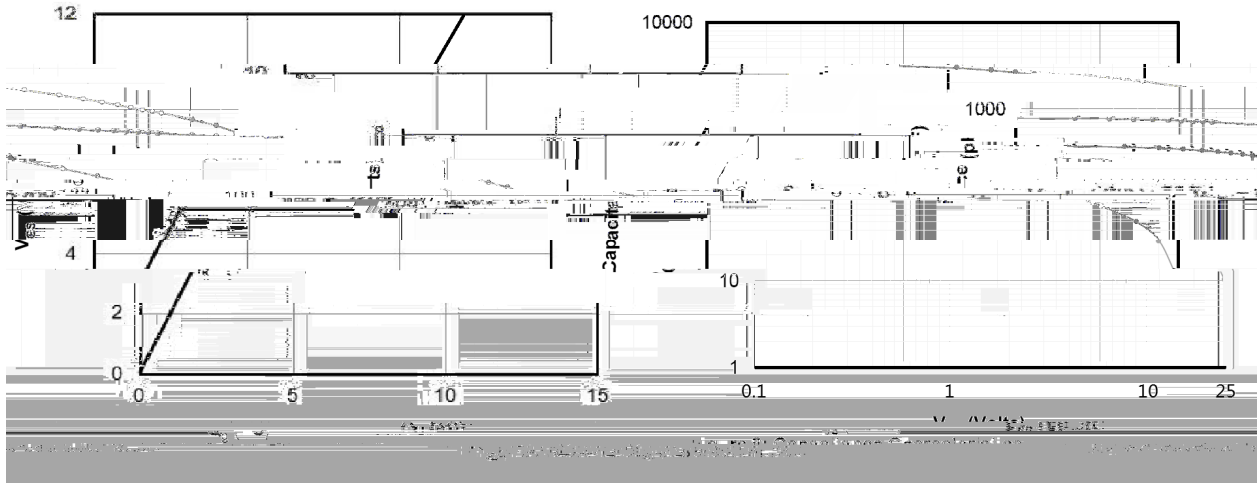
BRD65R650T
Rev.A Apr.-2025

DATA SHEET

Electrical Characteristic Curve

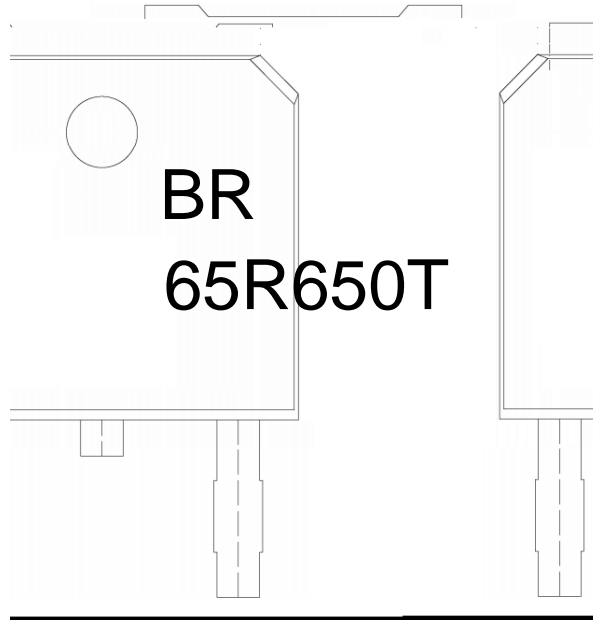


Ω ? d • Ž ϕ / Electrical Characteristic Curve



BRD65R650T

, M y f / Marking Instructions



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BR y , [W A
8 :y ° Z W A
y ÿ D Z W A k š ÿ D Z J

Note:

- BR: Company Code
- 65R650T: Product Type Code
- ****: Lot No. Code, code change with Lot No

BRD65R650T