

5 é / Descriptions

TO-252 .> // x N ?ú 3 « | • 'ož
N-CHANNEL MOSFET in a TO-252 Plastic Package.

¤ ª / Features

$V_{DS} (V) = 60V$ $I_D = 132A (V_{GS} = \pm 20V)$
 $R_{DS(ON)} @ 10V \pm 3.6m \Omega (Typ. 3.45m \Omega)$
 —)í D }ož HF Product.

Đ ÷ / Applications

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 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

• Ů - æ / Pinning

PIN1 y G

PIN 2 y D

PIN 3 y S

PIN 4 y D

, M V / Marking

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See Marking Instructions.

$@ f$ Parameter	... Z Symbol	$f \prime$ Rating	% y Unit
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@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 › Min	Á ° › Typ	Â Ý › Max	% y Unit
Turn-On Delay Time	t _{d(on)}			15.2		
Turn-On Rise Time	Time	V _{GS} =10V V _{DS} =30V R _L =1.5 Ω R _{GEN} =3 Ω				ns

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ô ? d • Ž ¢ / Electrical Characteristic Curve

, M y f / Marking Instructions

BR
035N06SH

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BR y , [W A
035N06SH y ° Z W A
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Note:

BR: Company Code

035N06SH: Product Type Code

****: Lot No. Code, code change with Lot No

BRCS035N06SHDP
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DATA SHEET