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 ID =132A (VGS = ±20V)
$R_{DS(ON)}$@10V ‡3.6m S(Typ.3.45m S)
—)í D }ož HF Product.

Đ ÷ / Applications

9 z 9 è ò y V ñ èo• *) *) ô Eo• Ž ` ” D } › ä | ô Eož
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

• Û - æ / Pinning

PIN1 y G PIN 2 y D PIN 3 y S PIN 4 y D

, M V / Marking

• - ~ ª ¢ož
See Marking Instructions.

@ *f* Parameter	… Z Symbol	*f* › Rating	% y Unit

@ *f* Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=30V R_L=1.5 ¡ R_{GEN}=3 ¡		15.2		ns

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ô ? d • Ž ¢ / Electrical Characteristic Curve

, M y ƒ / Marking Instructions

BR
035N06SH
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ª ¢ y

BR y ¸ [W A

035N06SH y º Z W A

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Note:

BR: Company Code

035N06SH: Product Type Code

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