

## UT3P01Z

Power MOSFET

## P CHANNEL POWER MOSFET

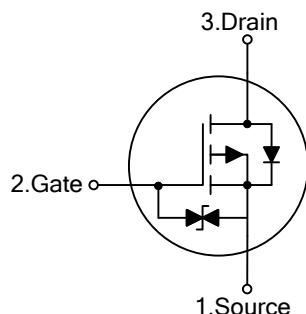
## ■ DESCRIPTION

The **UT3P01Z** uses UTC advanced technology to provide excellent  $R_{DS(ON)}$ , low gate charge and operated with low gate voltages. This device can be applied to general-purpose switching devices applications.

## ■ FEATURES

- \*  $R_{DS(ON)} = 8\Omega @ V_{GS} = -4V$
- \* Ultra low gate charge ( typical 1.43 nC )
- \* Low reverse transfer capacitance (  $C_{RSS} =$  typical 1.8 pF )
- \* Fast switching capability
- \* Avalanche energy specified
- \* Improved dv/dt capability, high ruggedness
- \* Halogen Free

## ■ SYMBOL

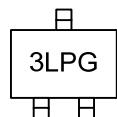


## ■ ORDERING INFORMATION

Ordering Number	Package	Pin Assignment			Packing
		1	2	3	
UT3P01ZG-AL3-R	SOT-323	S	G	D	Tape Reel
UT3P01ZG-AN3-R	SOT-523	S	G	D	Tape Reel

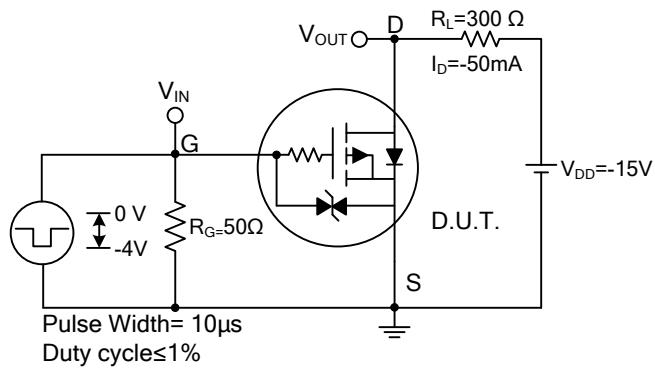
UT3P01ZG-AL3-R	(1)Packing Type (2)Package Type (3) Halogen Free	(1) R: Tape Reel (2) AL3: SOT-323, AN3: SOT-523 (3) G: Halogen Free
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## ■ MARKING

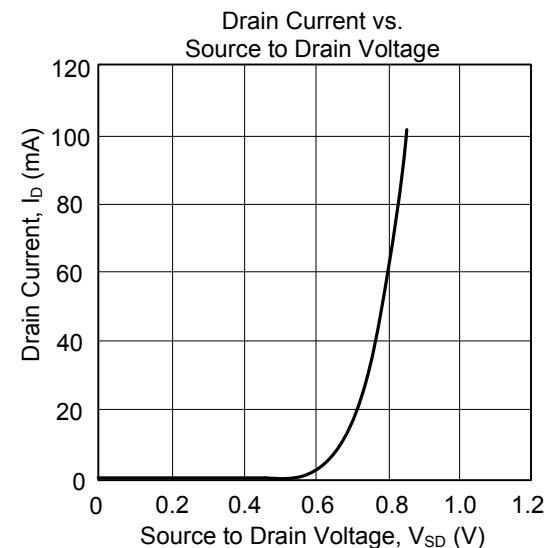
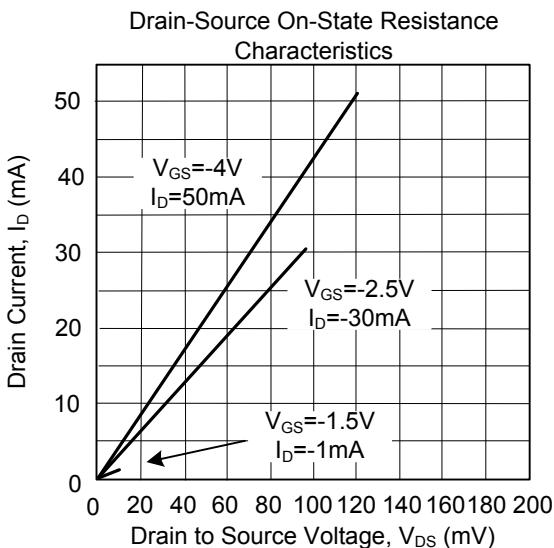
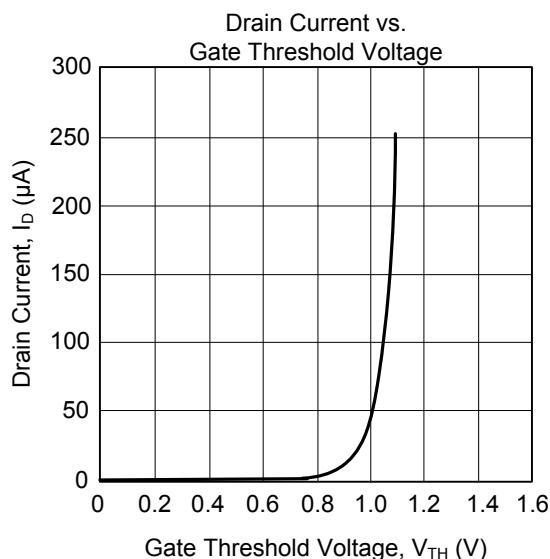
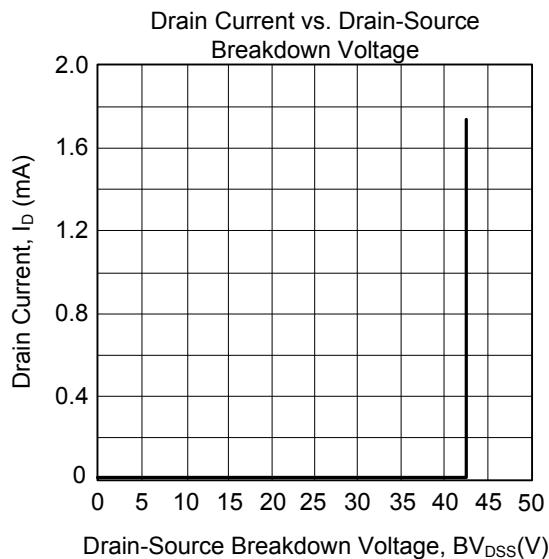




### ■ SWITCHING TIME TEST CIRCUIT



■ TYPICAL CHARACTERISTICS



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