

10A, 150V, 0.3Ω, N-CHANNEL POWER MOSFETS

■ DESCRIPTION

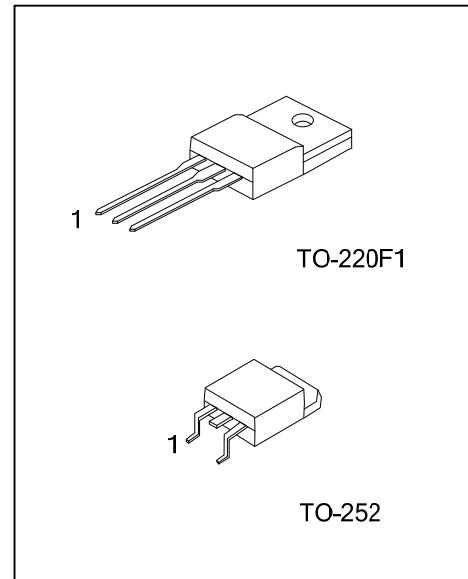
The UTC 10N15 is an N-channel enhancement mode silicon-gate power field effect transistors, it uses UTC's advanced technology to provide the customers with high breakdown voltage etc.

The UTC 10N15 is suitable for switching converters, switching regulators, relay drivers and motor drivers, etc.

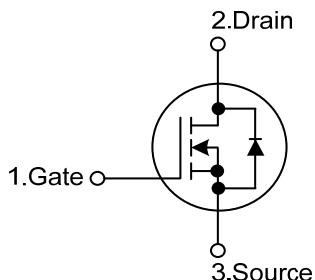
■ FEATURES

- * $R_{DS(ON)} < 0.300\Omega$ @ $V_{GS} = 10V$, $I_D = 10A$

- * High breakdown voltage



■ SYMBOL



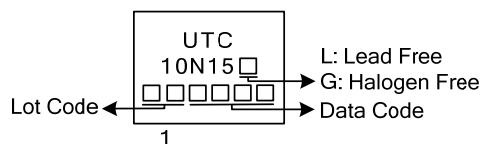
■ ORDERING INFORMATION

Ordering Number		Package	Pin Assignment			Packing
Lead Free	Halogen Free		1	2	3	
10N15L-TF1-T	10N15G-TF1-T	TO-220F1	G	D	S	Tube
10N15L-TN3-T	10N15G-TN3-T	TO-252	G	D	S	Tape Reel

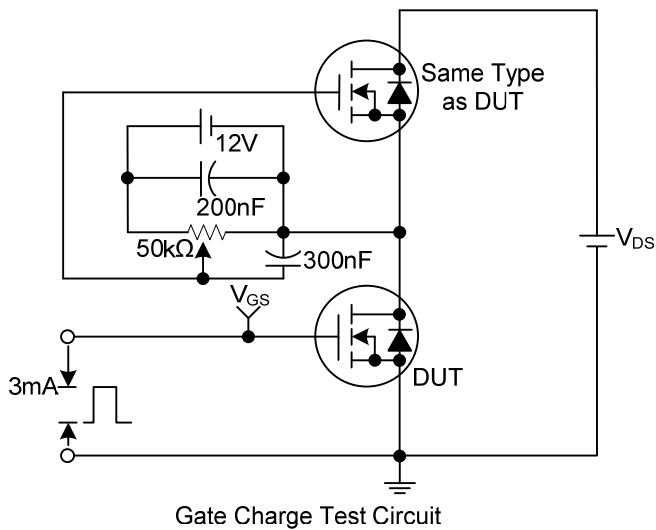
Note: Pin Assignment: G: Gate D: Drain S: Source

10N15L-TF1-T	(1)Packing Type (2)Package Type (3)Green Package	(1) T: Tube, R: Tape Reel (2) TF1: TO-220F1, TN3: TO-252 (3) L: Lead Free, G: Halogen Free and Lead Free
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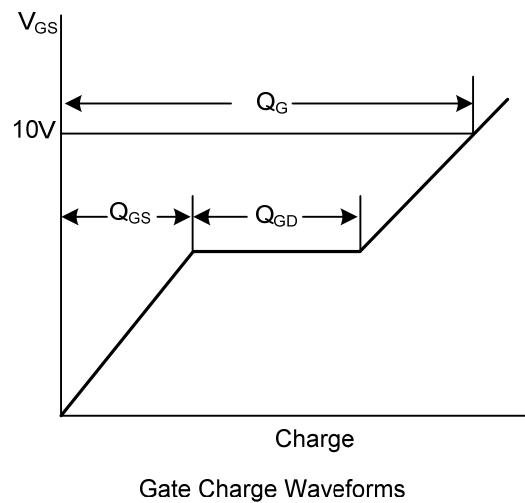
■ MARKING



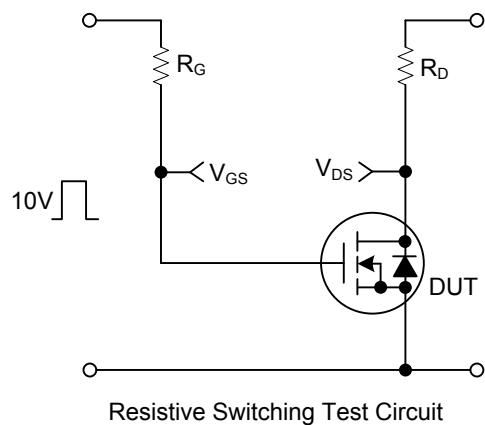
■ TEST CIRCUITS AND WAVEFORMS



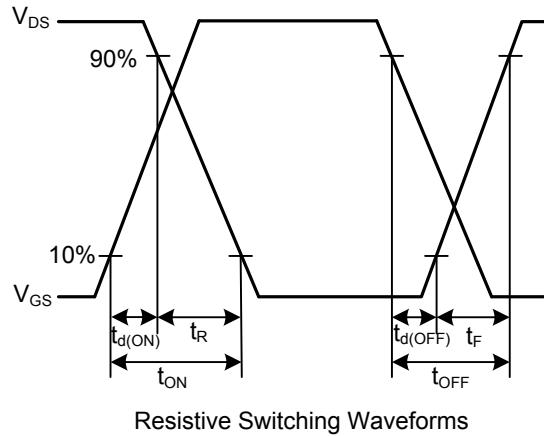
Gate Charge Test Circuit



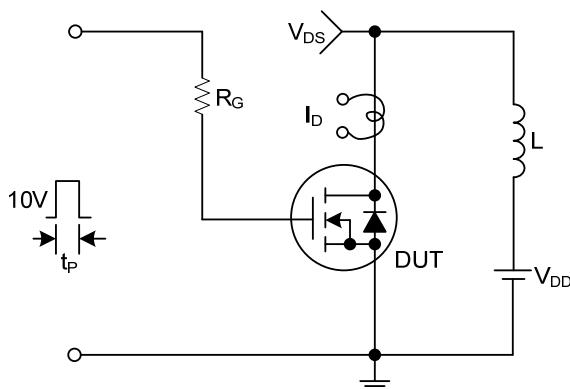
Gate Charge Waveforms



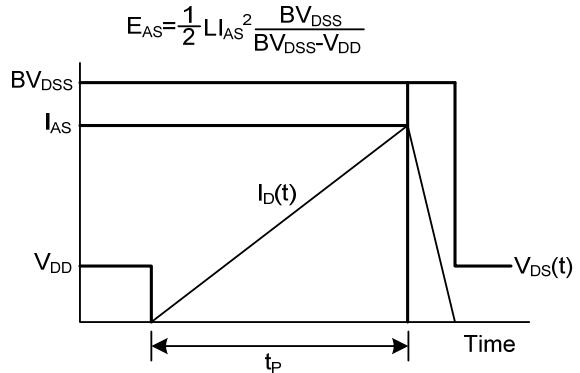
Resistive Switching Test Circuit



Resistive Switching Waveforms



Unclamped Inductive Switching Test Circuit



Unclamped Inductive Switching Waveforms

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