

3875081 G E SOLID STATE

01E 11057 D

U304-U306



T-37-25

U304-U306

ELECTRICAL CHARACTERISTICS (Continued) ($T_A = 25^\circ\text{C}$ unless otherwise specified)

Symbol	Parameter	Test Conditions			U304		U305		U306		Units		
					Min	Max	Min	Max	Min	Max			
C_{iss}	Common-Source Input Capacitance (Note 2)	$V_{DS} = -15\text{V}$, $V_{GS} = 0$			$f = 1\text{MHz}$				27		27		
C_{rss}	Common-Source Reverse Transfer Capacitance (Note 2)	$V_{DS} = 0$, $V_{GS} = 12\text{V}$ (U304) $V_{GS} = 7\text{V}$ (U305), $V_{GS} = 5\text{V}$ (U306)				7		7		7		pF	
$t_{d(on)}$	Turn-ON Delay Time (Note 2)		U304	U305	U306							ns	
		V_{DD}	-10V	-6V	-6V		20		25		25		
t_r	Rise Time (Note 2)	$V_{GS(off)}$	12V	7V	5V		15		25		35		
$t_{d(off)}$	Turn-OFF Delay Time (Note 2)	R_L	580 Ω	743 Ω	1800 Ω		10		15		20		
t_f	Fall Time (Note 2)	$V_{GS(on)}$	0	0	0		25		40		60		
		$i_{D(on)}$	-15mA	-7mA	-3mA								

NOTES: 1. Pulse test pulsewidth=300 μs , duty cycle \leq 3%.
2. For design reference only, not 100% tested.

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NOTE: All typical values have been characterized but are not tested.