# **NSEM**<sup>1</sup>

#### Table 1. THERMAL CHARACTERISTICS

Parameter	Symbol	Мах	Unit
Thermal Resistance Junction-to-Case (Note 2)	$R_{ extsf{ heta}JC}$	0.31	°C/W
Thermal Resistance Junction-to-Ambient (Notes 1, 2)	$R_{ extsf{ heta}JA}$	41	

Table 2. ELECTRICAL CHARACTERISTICS (T<sub>J</sub> =  $25^{\circ}$ C unless otherwise stated) (continued)

Parameter

Max Unit

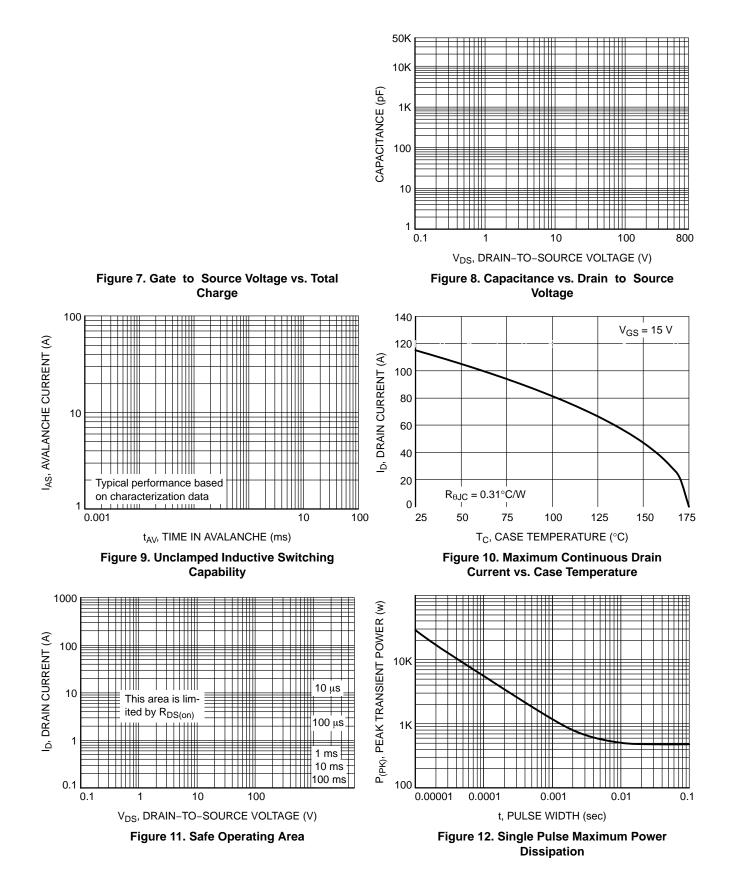
## **TYPICAL CHARACTERISTICS**

## Figure 1. On Region Characteristics

## Figure 2. Normalized On

1	1	
1	1	
L		 
1	1	
1	1	
1	1	
1	1	
1	1	
1	1	

#### TYPICAL CHARACTERISTICS (continued)



## TYPICAL CHARACTERISTICS (continued)

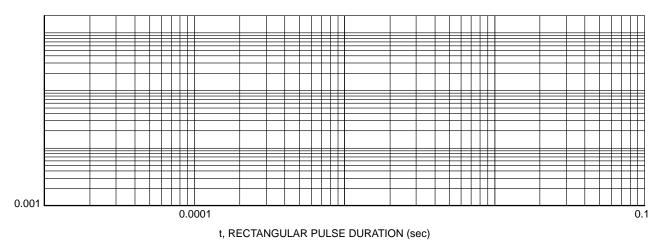


Figure 13. Junction to Ambient Transient Thermal Response Curve

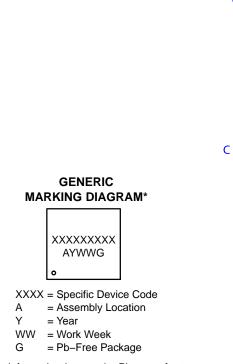
#### D<sup>2</sup>PAK7 (TO-263-7L HV) CASE 418BJ ISSUE B

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DATE 16 AUG 2019



\*This information is generic. Please refer to device data sheet for actual part marking. Pb–Free indicator, "G" or microdot "•", may or may not be present. Some products may not follow the Generic Marking.

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