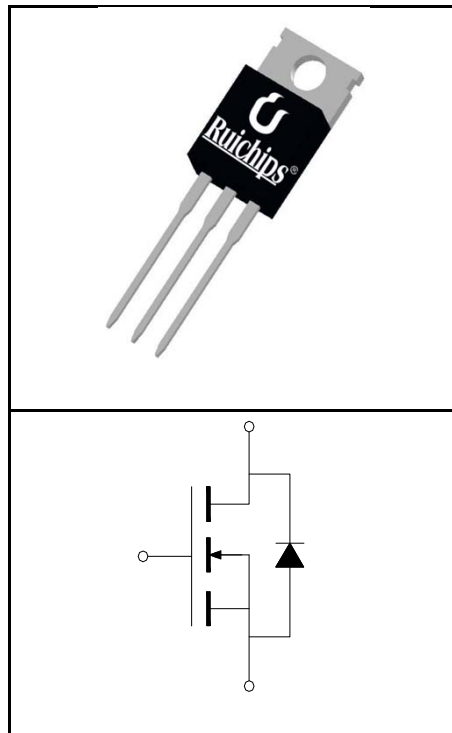


Features

Ω
Ω

Pin Description



Applications

Absolute Maximum Ratings

Symbol	Parameter	Rating	Unit
Common Ratings ($T_C=25^\circ\text{C}$ Unless Otherwise Noted)			
Mounted on Large Heat Sink			
	μ		
θ			
θ			
Drain-Source Avalanche Ratings			

Electrical Characteristics

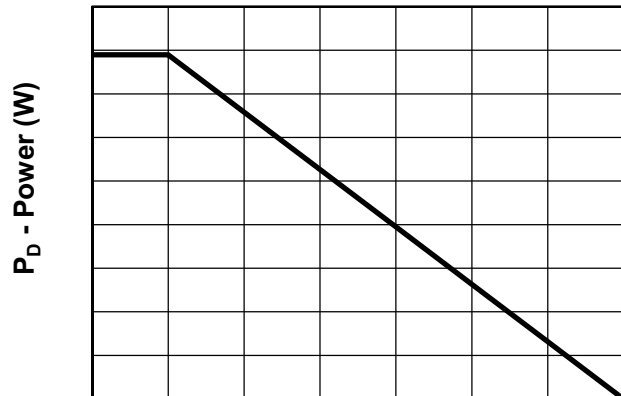
Symbol	Parameter	Test Condition	RUH40130R			Unit
			Min.	Typ.	Max.	
Static Characteristics						
						Ω
						Ω
Diode Characteristics						
Dynamic Characteristics						
						Ω
Gate Charge Characteristics						

Ordering and Marking Information

Device	Marking	Package	Packaging	Quantity	Reel Size	Tape width

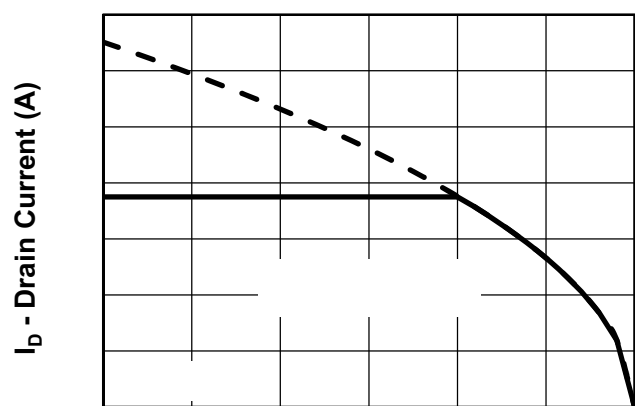
Typical Characteristics

Power Dissipation



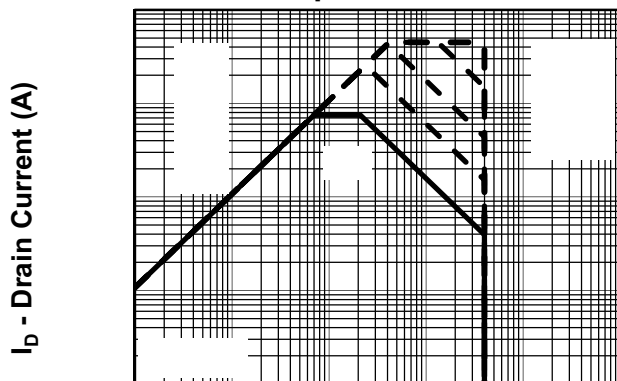
T_J - Junction Temperature (°C)

Drain Current



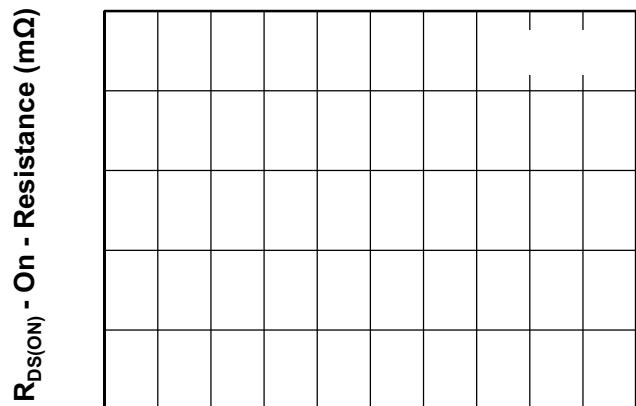
T_J - Junction Temperature (°C)

Safe Operation Area

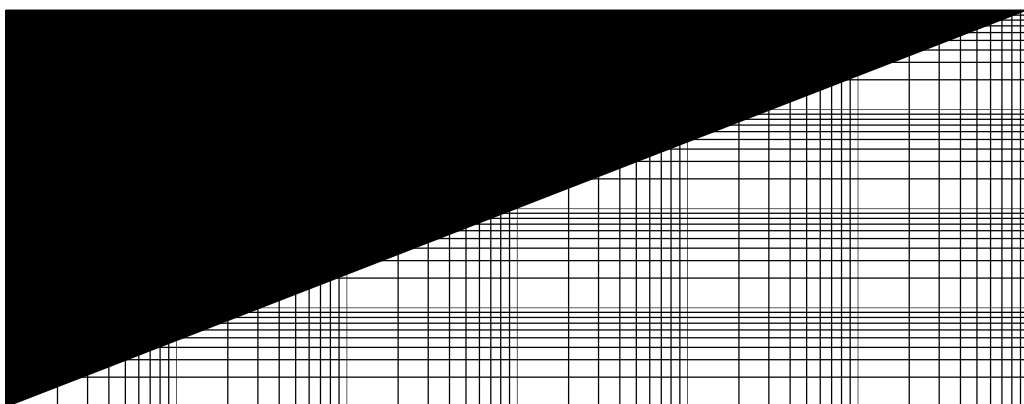


V_{DS} - Drain-Source Voltage (V)

Drain Current

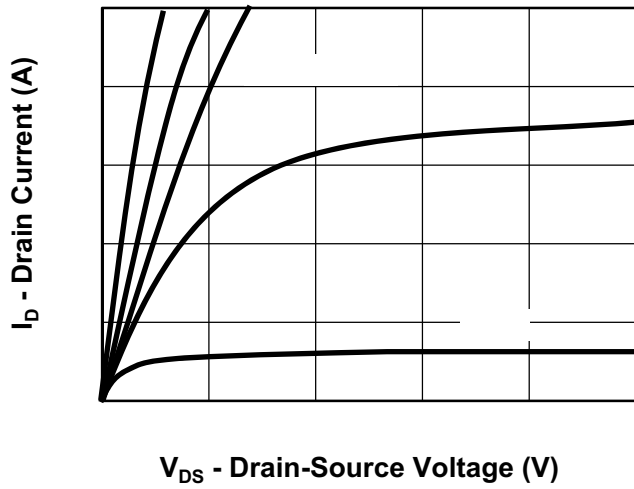


V_{GS} - Gate-Source Voltage (V)

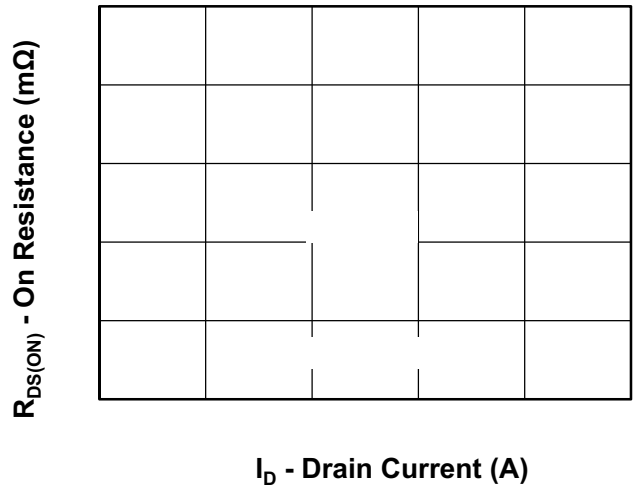


Typical Characteristics

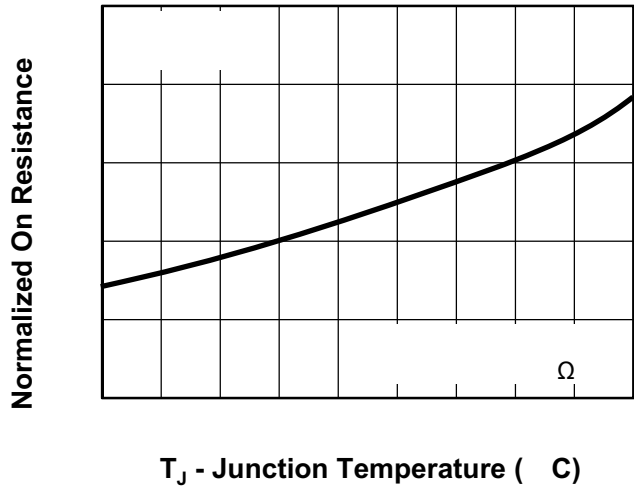
Output Characteristics



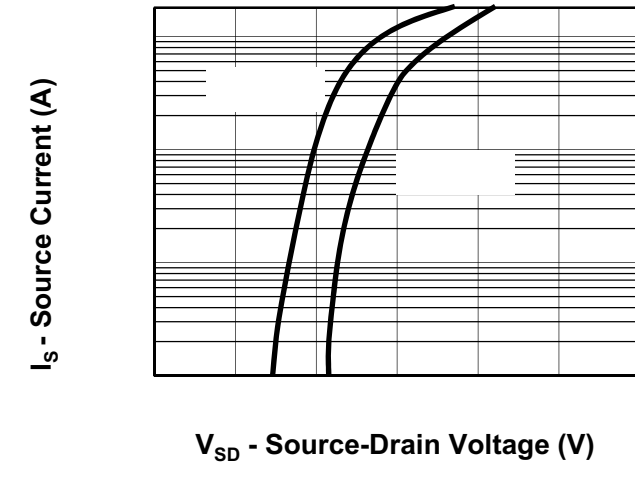
Drain-Source On Resistance



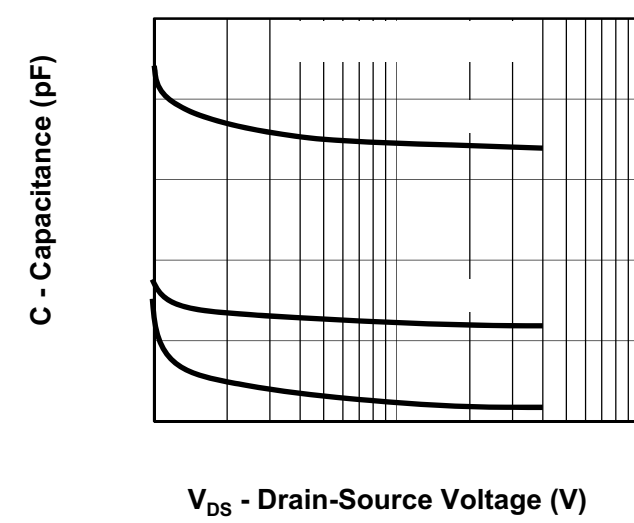
Drain-Source On Resistance



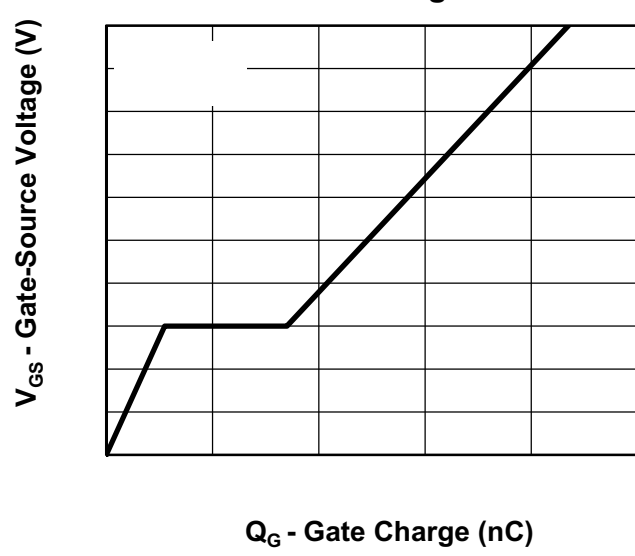
Source-Drain Diode Forward



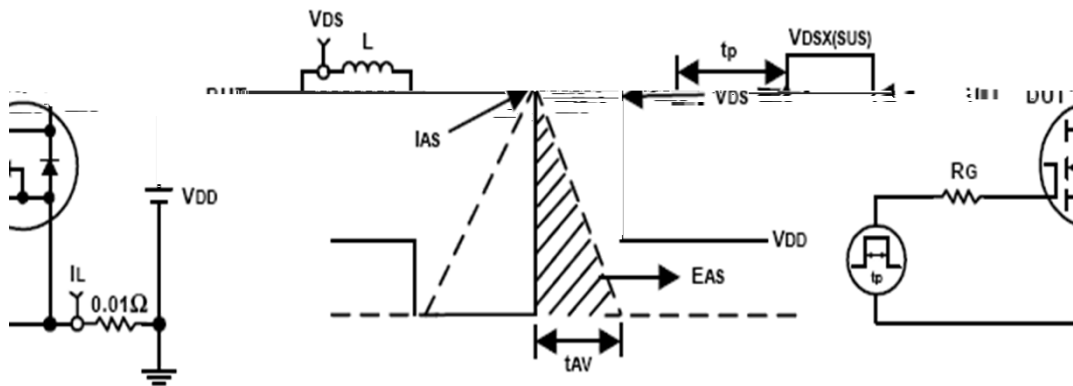
Capacitance



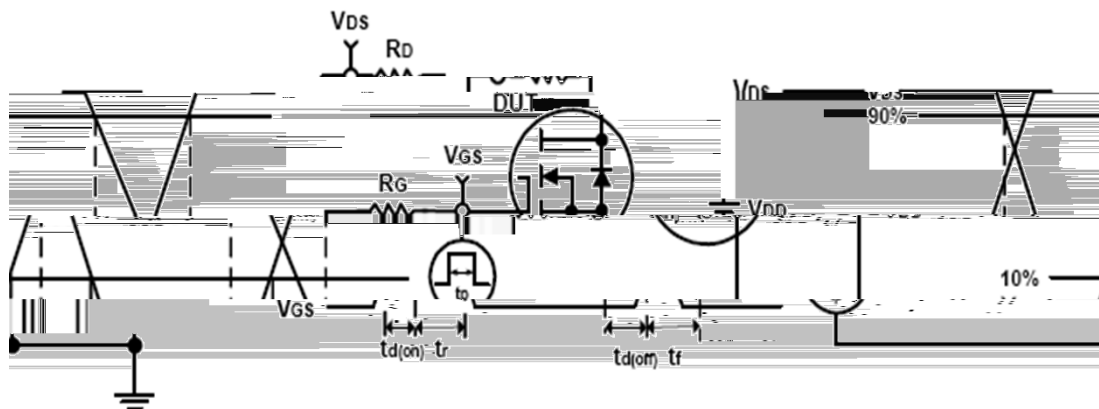
Gate Charge



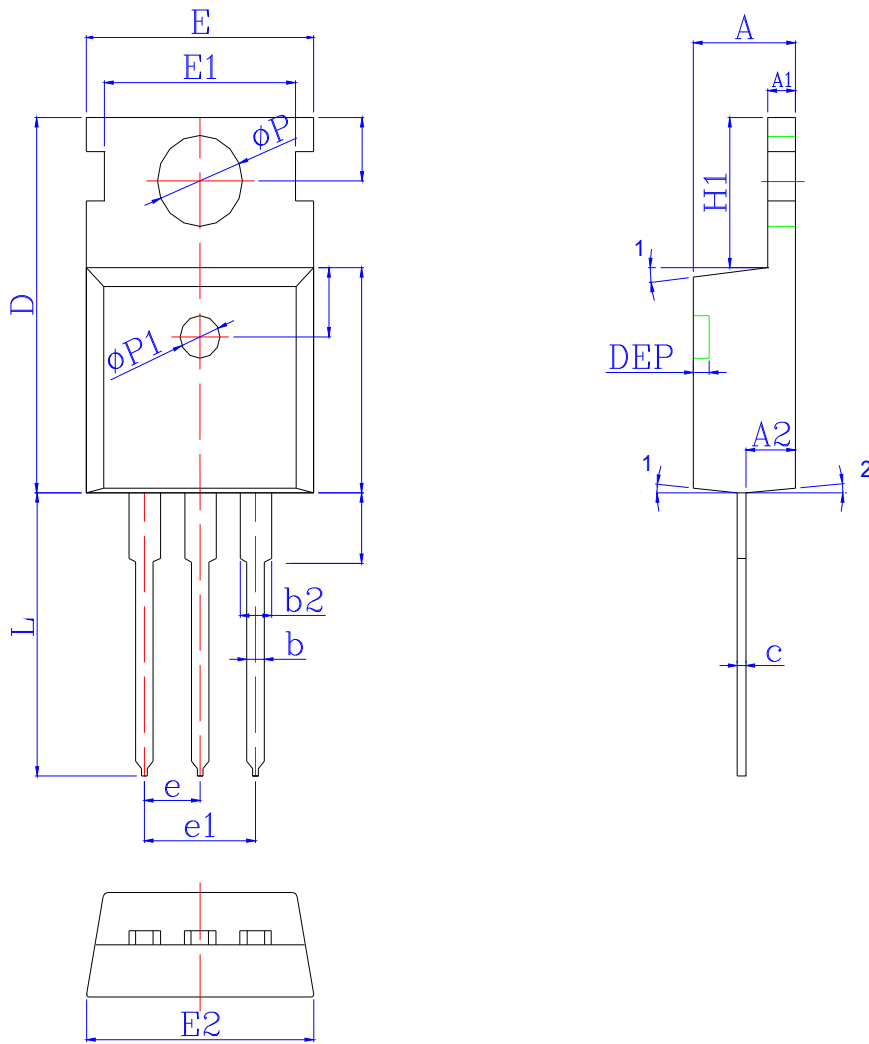
Avalanche Test Circuit and Waveforms



Switching Time Test Circuit and Waveforms



Package Information



Customer Service

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Marcom Contact:

Editorial Contact:

HR Contact:

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