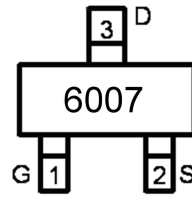


Main Product Characteristics:

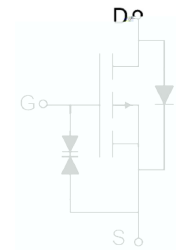
	-50
()	2.1 (.)
	-130



SOT-23



Marking and Pin Assignments



Schematic Diagram

Features and Benefits:

7 7 7
 7 7
 , ,
 7
 - 7 7
 7 7



Description:

7 7 7 7 7 7 - 7 .
 7 7 7
 7

Absolute Max Rating:

Symbol	Parameter	Max.	Units
25	, -10	-130	
100	, -10	-100	
		-520	
25		230	
	- 7	-50	
	- - 7	20	
	7	-55 + 150	

Thermal Resistance

Symbol	Characterizes	Typ.	Max.	Units
	θ_{JA} (t = 10s)		556	/
	θ_{JC} (, -)		540	/

Electrical Characterizes

25

7

Symbol	Parameter	Min.	Typ.	Max.	Units	Conditions
()	$V_{CE(sat)}$	-50				0 , -10
()	$V_{CE(sat)}$		2.1	7		-10 , -130
()	$V_{CE(sat)}$	-0.		-2		, -1
				-0.1		-40 , 0
	$V_{CE(sat)}$			-1		-50 , 0
				-50		125
				10		20
				-10		-20
	$V_{CE(sat)}$		30			0
	$V_{CE(sat)}$		6			-30
	$V_{CE(sat)}$		2.5			1
()			3.1			-15
			1.3			-2.5
()			1			50
			7.5			

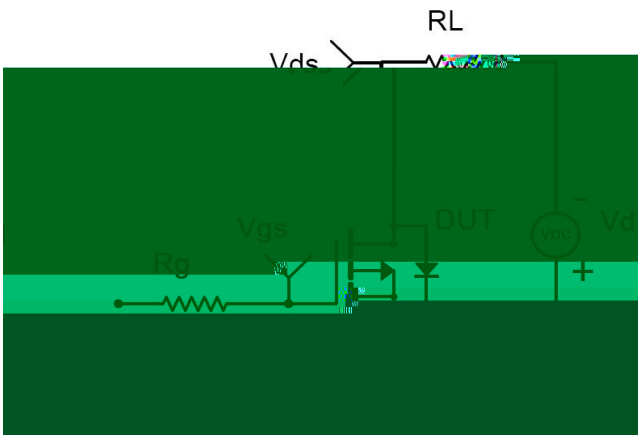
Test Circuits and Waveforms

EAS Test Circuit:

Gate Charge Test Circuit:

Switching Time Test Circuit:

Switching Waveforms:



Notes:

7 7 7 7 . 7 . 7 7 - -7 7 . 7 1 " 2 -4 □ 2 /

