JMF100K207STU

FRED Modules

Features

Be eh WhZ ebjW Zhef

bb di bWj Z f WYaW

FbWdWhf Wi Wj Z Y fi

L h i ehj h Ye h X W eh

L h i ehj h Ye h j c

Product Summary

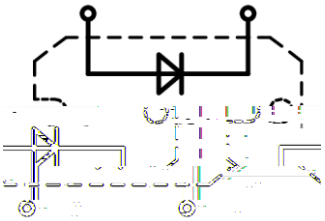
Parameter	Value	Unit
L HHC	-	L
7L		7
I C 6 j F 3 c i		7
L CW	.	L
J hh J f	,	di



Applications

M bZ d

I CFI



Absolute Maximum Ratings 6 J 9 3 (9 db i i ej h i i f Y Z

Parameter	Conditions	Symbol	Values	Unit
H f j j f Wa h hi ebjW	J 3 (9	L HHC	-	L
Ded h f j j f Wa h hi ebjW	J 3 (9	L HI C	-	L
7 hW ed i jWj Y hh dj	J 9 3 9 f hZ eZ	7L		7
eh WhZ i h Y hh dj	(Y Yb I d W J 3 (	I C		7
(j L Wb eh i d		(j		7(i
HCI i ebWj ed ebjW	7 9 i c d	L I E	) (	L
@dYj ed j c f hWj h hWd		J@		
I jehW j c f hWj h hWd		J i j		℃

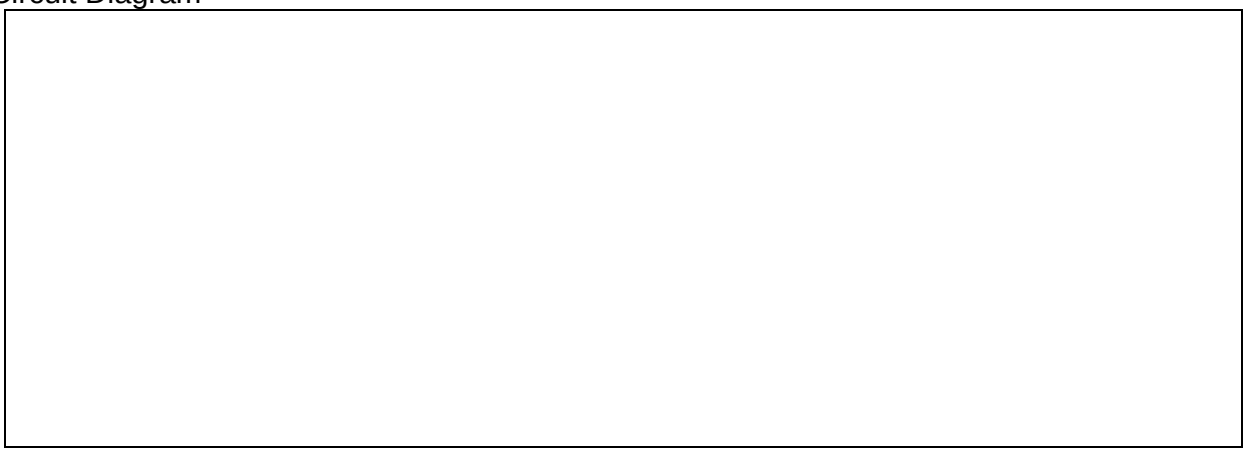
Electrical Characteristics 6 J9 3(9 dbiiej h i if Y Z

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
eh WhZ ehjW	3 7 J 3(	L			.	L
H hi bWaW Y Hh dj	L H 3 L HHC J 3(	H			(	c7
	L H 3 L HHC J 3 (				(	
CW c c h hi h Ye h Y Hh dj	3 7 L H 3 L Z Zj 3(7 i J 3(	HC				7
	3 7 L H 3 L Z Zj 3(7 i J 3 (	HC		)		7
CW c c h hi h Ye h jc	3 7 L H 3) L Z Zj 3 7 i J 3(	jHh		,		di
	3 7 L H 3 L Z Zj 3(7 i J 3(	jHh		(		di
	3 7 L H 3 L Z Zj 3(7 i J 3 (	jHh		( )		di
CW c c h Ye h Z Y Wh	3 7 L H 3 L Z Zj3(7 i J 3(	GHh		, ,		d9
	3 7 L H 3 L Z Zj3(7 i J 3 (	GHh		)		d9

Thermal Characteristics 6 J9 3(9 dbiiej h i if Y Z

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
J hc Wbh i ijWdY dYj ed je YWV	f hZeZ	Hj Y				M
J hc Wbh i ijWdY YWV je Wjl da	f hZeZ	Hj Yi		(		M
Ce dj d jehg	8VV f bWj je Wjl da i Yh C	C				

Circuit Diagram



Package Outlines (mm)

d ehc Wjed hdi Z d j i ZeY c dj i X b Z je X WYY hWj WdZ h bWXb e h
@Wd i @ @ I c YedZ Yjeh9e BjZ Wi c i de h i fedi Xbj ehj Yedi g dY i e i
j e j Yedi Z hWjed ehi Y d ehc Wjed deh i X edZ j J i d ehc Wjed d j i ZeY c dj
i i X Yj je Y Wd j e j fhehdej Y Dej j i jWdZ d j i @Wd i @ @ bb bb Yec fb
j j j hc i e jbd Z d Wi d Z W h c dj FheZ Yji WdZ d ehc Wjed fhe Z Z d j i
ZeY c dj W de d hd c dj e f Wj dji @Wd i @ @ Wi c i de hJicfedZ(XbjYe ehWdj 8C9 i 8
d hd c dj e e C9 : 8: 9 g -, (Jc = J@JG C9 I f Wd C9 : bi (Jc