



JECR0806E

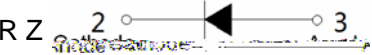
EPI HYPERFAST RECOVERY RECTIFIER

Rev.1.8

DESCRIPTION



- 3ODVWLF SDFQNDH HZKULWHUV ODERUDWRU\ IODP N\
- FODVV LILFDWLRQ 9
- /HDG IUHH LQ FRPSOA ZLWK ((8 GLUHFWLYHV
- /RZ UHYHUVH OHDNDJH FXUUHQW
- +\SHUIDVW UHFRVRLW W HFRYDUG FKDUDFWHULVWLFV
- /RZ UHFRYHU\ ORVV
- \$SSOLFDWLRQV IREXGLVFRQWRQWRGRX\0 SRZ 2 3
- FRUUHFWRQ 3)& +DOI EULGJH IXOO EULGJH VZLWFKHG PRGH
- SRZHU VXSSOLHV



	&DWKRGH
	\$QRGH

MECHANICAL DATA

- &DVH 72 PROGRUSODVWLYFDWHG MXQFWLRQ
- 7HUPLQDOV 6ROGHU SODWHG VROGHUDEOH SHU - 67'
- :HLJKW JUDP

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	JECR0806E	Unit
0D[LPXP UHSHWLWLYH SHDN UHYHUVH YROWDJH		9	9
0D[LPXP '& EORFNLQJ YROWDJH	'&	9	9
\$YHUDJH IRUZDUG FXUUHQW DW 7	) \$9		\$
3HDN IRUZDUG WKUJHPFXVLUHQH KDOI VLQH			\$
ZDYH VXSHULPSRVHG RQ UDWHG ORDG			
3HDN IRUZDUG VXUJHPFXVLUHQH KDOI VLQH	)60		
VXSHULPSRVHG RQ UDWHG ORDG			

2 SHUDWLQJ MXQFWLRQV DSQDWRUH U D85\$ -"82,-FUwd-FUu\$ -"Uu'(rUwg(H82†(H85'(rûñ •

6\PERO

1R FRQQHFWLRQ

**JECR0806E**

**JieJie Microelectronics Co., Ltd.**






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-LH-LH SURGXFVW DLHUQBQGGVKDQOHCQW SXUSVXGULQDFZLWK  
 OLPLWDWLRQ DIXOLRPRUWLPHGRFVSDQDLCHLHDYXVWDLQLQJ RU  
 DSSOLFDWLRQV GHYLFHV LQWHQGHC\IRU DXUJRWXGULPSSDQ  
 WKH IDLOXUH RURSDIENDWLRCRURUMIGHK SWRIGXFSMUPDRQDHOV LQM X  
 SURSHUW\ GDPDJH RHWXUHVWQDQHWKBRUWK-LHQ-IDSSORFGXFW  
 GRFXPHQWDWLRQ :DBU DLQWILH W KDDQVHHGCUHSPHRCXFRVLV XVHG  
 SXUSRVH QRW H[SUHDV/SO LFFHMCB B WKEBQW-LW-LH VKDOO QRW  
 DQ\ FODLPV RU GDPDJRMSURLGXQWRXRQHGQRWD BSSULFDWQ\ LQ  
 -LH-LH DV VHW IRU-WK-LQ GBSXEPFDQVQDQVHXVHKRIVDLOH-LH SUR  
 VXEMHFW WR -LH-LH WHUPV DQG FRQIGDVLURHQG/ERI-VBIOLH XQO  
 ,QIRUPDWLRQ IXUQXFKBQ\ LQ VHKOVHGMFB WQGEWHHDFDXLOH +RZ  
 -LH-LH OLFURHOHFWDVROXLFV&R UVGSRKQVEEQOHVXHRUFHV RI  
 FRQVLGHUDWLRQRPBWVXQFKRQIXVH EHRQG LW  
 ,QIRUPDWLRQ PHQWLRQHG LQ WKLW GRFXPHQW L VHV XESMDHFW  
 DQ DJUHHPHQW LV VBJQHGRPLSDQLJMXZLHWKWWKH DJUHHP  
 SURGXFVW DQG LQIRUPDWLRQ SURYLGGHQGHQWQKIRM SBWXHFWQW  
 DVVXPHV QR UHVSQRVLELOLW\ IRU DR\WLQJUGQSDHUPWQHW RZKRW  
 WKH XVH RI VXFVKSDQGLXQIRUPDWLRQ  
 7KLV GRFXPHQW LV RQKXKLFVHFDVGH LQKLV-XGR\FXPHQW VXS  
 DQG UHSODFHV DSDUHQYLRXVQDQWXBQOLHG

 LV D UHJLVWHUHG QWVXG-HLFDLHN ORLIF UR HOWGWURQLF  
 &RS\UKJKW-LDQJVX -LH-LHRQLFVR&HOFHWG 3VULQMMBSYCHG