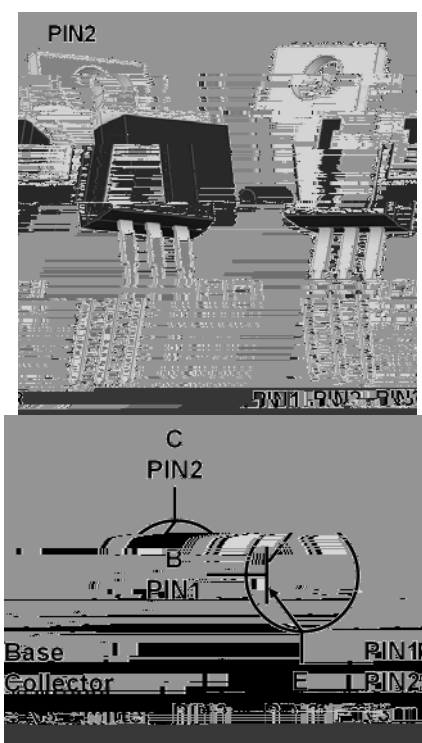




PNP Silicon Power Transistors



Features

dW QD°RS&QF p
" +DORJHQ)UHH

Applications

" &RPSOHPHQW WR 7,3 &
" +LJK VZLWFKLQJ VSHHG

Mechanical Data

" 3DFNDJH 72 \$%
" 7HUPLQDOV 7LQ SODWHG OHDGV VR
DQG -(6' %
" 8QLW :HLJKW J

vMaximum Ratings 7D XQOHVV RWKHUZZLVH QRWHG

Item	Symbol	Unit	Value
'HYLFH PDUNLQJ FRGH			7,3 &
&ROOHFWRU EDVH YROWDJH	&% 2	9 9	
&ROOHFWRU HPLWWHU YROWDJH	&(2	9 9	
(PLWWHU EDVH YROWDJH	(% 2	9	9
&ROOHFWRU FXUUHQW	&	,	\$
3RZHU GLVVLSDWLRQ	.	3	:
7KHUPDO UHVLVWDQFH WKHFWLRQ WR DPDLHQW	MXW FHLRQ WKHFWLRQ		
-XQFWLRQ WHPSHUDWXUH	M	- 7	WR
6WRUDJH WHPSHUDWXUH	67 *	-7	WR

1RW'HYLFH PRXQWHG RQ 3&% ZLWK PLQLPXP UHFRPPHQGHG SDVVDQXWFRQG DPP [PP DW



TIP42C



vElectrical Characteristics 7D XQOHVV RWKHUZZLVH QRWHG

Item	Symbol	Unit	Conditions	Min	Typ	Max
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&ROOHFWRU EDVH EUHDNGRZQ YRQWDJH & X\$, ,

TIP42C



Disclaimer

7KH LQIRUPDWLRQ SURYLQDWHV LQ IRUHLWDEQJH QKH BQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQH VRZLWKRXWSKRLSLURGXFRQV GLWSOD\HG KHUHLQ WURGLPSURQY
RU RWKHUZZLVH

7KH SURGXFW OLVWJQH GHWRLEQLXW BGHZLWKFBXDRQDQWL YGHVLJQHG IRU XVH LQ PHG
OLIHVXVWDLQLQJMRU RUODQIRQH<BQJWW ERKLDMSDQVLELOLW\ RU OLDIELPLWXFRUL
PSURSHU XVH RI VDOH

7KLV SXEOLFDWLRQ SXODSHUW DGJVLQURUPDWSLROQLSGHYLURXDGGLRQLFQDODVLRUPLW RX
KWVZ_Z \DQJMLHRRRPRQVXOW \RXHUHQHWWRRDLQJMLRWDQJWKHU D