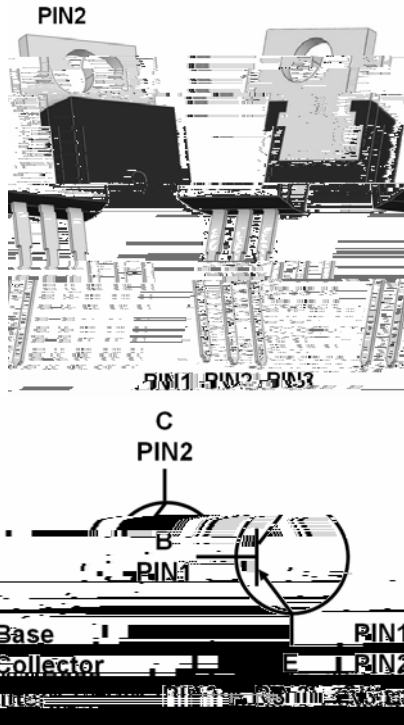




PNP Silicon Power Transistors



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 DPELHQW	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

RoHS
COMPLIANT

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 SGRVHQMHG LQ IRWLVKHQJHQRK<RQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFRQVGLWSOD\HG KHUHLQ WURGLPSURQY
RU RWKHUZZLVH

7KH SURGXFW OLVWJQHGHWRILEQLXWBGHZLWKFBXVRRQRWLYGHVLJQHG IRU XVH LQ PHG
OLIHVXVWDLQLQJMRU RUODQIRQH<RQJPPV ERKDHMSRQVLELOLW\ RU OLDIELRQWXFRUL
PSURSHU XVH RI VDOH

7KLV SXEOLFDWLRQ SXVSHUWIDGJVLQURUPDWSRQLSGHYLURXDVGLRQLRQDHOVLQWRUPLW RX
KWVZ_Z \DQJMLHRRRFRQVXOW \RXHUHQVDOHHWWRDLQJMLRWDQJWKHU D