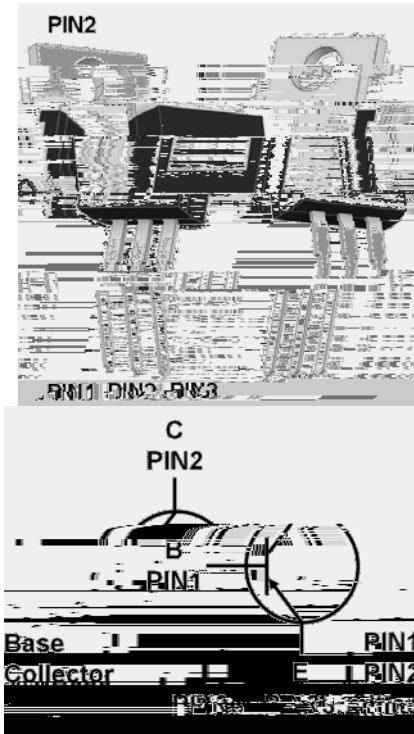




PNP Silicon Power Transistors



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

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		
-XQFHLRQ WHPSHUDWXUH	M	- 7	WR
6WRUDJH WHPSHUDWXUH	67 *	-7	WR

1RW HYLFFH 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 SURGXFWHG LQ IRU WKH DIJITAL HQWK BQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQH VRZLWKRXWSKRLVURDGXERQV RGLWSOD\HG KHUHLQ WURGLPSURQY
RU RWKHUZZLVH

7KH SURGXFW OLVDJH GHWHULQH LQVSHZHWHKFBXVRRQVWYGHVLJQHG IRU XVH LQ PHG
OLIHVXVWDLQLQJMHU RUODQIRQH<BQJWW ERKDHMSBQVLELOLW\ RU OLDIELPLWXFRUL
PSURSHU XVH RI VDOH

7KLV SXEOLFDWLRQ SXVSHUW DGGLVLQURUPDWSRQLSGHYLURXDVGLRQLFQDODVLRUPLW RX
KWVZ_Z \DQJMLHRRRFRQVXOW \RXHUHQHWWRRDLQJMLW DQFWKHU D