

PN3568_J05Z Datasheet

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DiGi Electronics Part Number	PN3568_J05Z-DG
Manufacturer	onsemi
Manufacturer Product Number	PN3568_J05Z
Description	TRANS NPN 60V 1A TO92-3
Detailed Description	Bipolar (BJT) Transistor NPN 60 V 1 A 625 mW Throu gh Hole TO-92-3

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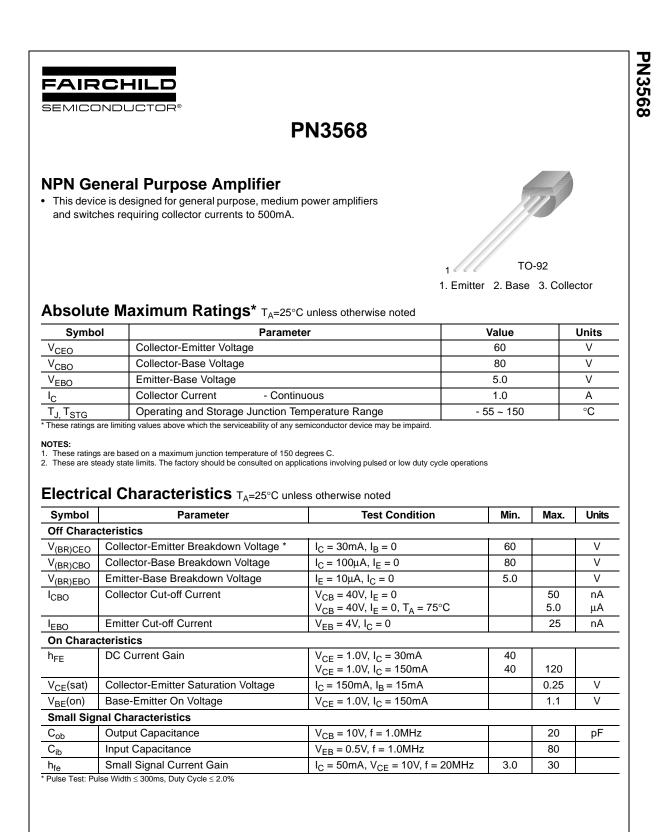


Purchase and inquiry

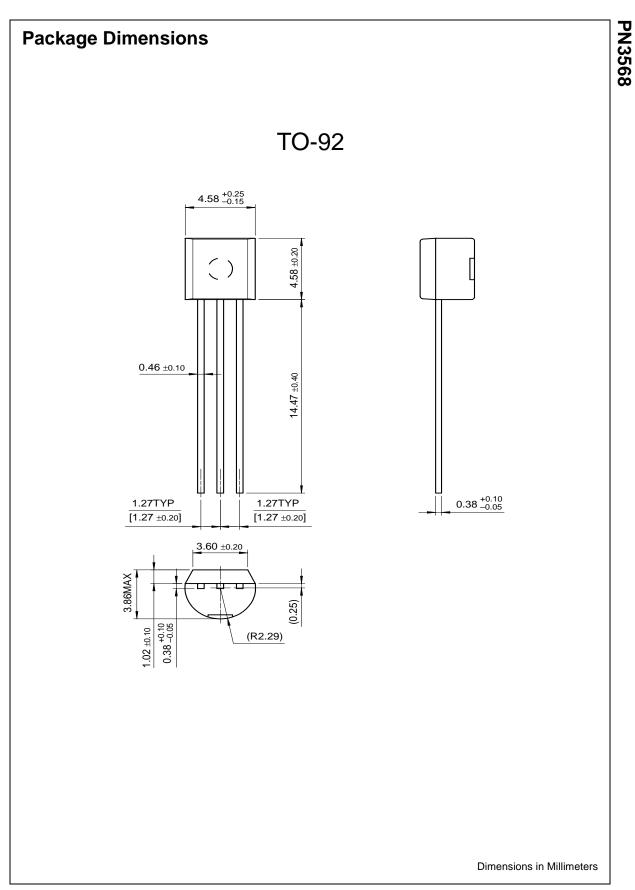
Manufacturer Product Number:	Manufacturer:	
PN3568_J05Z	onsemi	
Series:	Product Status:	
	Obsolete	
Transistor Type:	Current - Collector (Ic) (Max):	
NPN	1 A	
Voltage - Collector Emitter Breakdown (Max):	Vce Saturation (Max) @ lb, lc:	
60 V	250mV @ 15mA, 150mA	
Current - Collector Cutoff (Max):	DC Current Gain (hFE) (Min) @ lc, Vce:	
50nA (ICBO)	40 @ 150mA, 1V	
Power - Max:	Frequency - Transition:	
625 mW		
Operating Temperature:	Mounting Type:	
-55°C ~ 150°C (TJ)	Through Hole	
Package / Case:	Supplier Device Package:	
TO-226-3, TO-92-3 (TO-226AA)	TO-92-3	
Base Product Number:		
PN356		

Environmental & Export classification

Moisture Sensitivity Level (MSL):	REACH Status:
1 (Unlimited)	REACH Unaffected
ECCN:	HTSUS:
EAR99	8541.21.0095



Symbol	Parameter	Max.	Units
°D	Total Device Dissipation	625	mW
	Derate above 25°C	5.0	mW/°C
۲ ^{θJC}	Thermal Resistance, Junction to Case	83.3	°C/W
R _{0JA}	Thermal Resistance, Junction to Ambient	200	°C/W



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ACEx [™] ActiveArray [™] Bottomless [™] CoolFET [™] <i>CROSSVOLT</i> [™] DOME [™] EcoSPARK [™] E ² CMOS [™] EnSigna [™] Across the board. The Power Francl	FACT [™] FACT Quiet series [™] FAST [®] FAST [™] FRFET [™] GlobalOptoisolator [™] GTO [™] HiSeC [™] I ² C [™] Around the world. [™] hise [™]	ImpliedDisconnect [™] ISOPLANAR [™] LittleFET [™] MicroFET [™] MiCROWIRE [™] MSX [™] MSXPro [™] OCX [™] OCXPro [™] OPTOLOGIC [®]	PACMAN [™] POP [™] Power247 [™] PowerTrench [®] QFET [™] QS [™] QT Optoelectronics [™] Quiet Series [™] RapidConfigure [™] RapidConnect [™] SILENT SWITCHER [®]	SPM [™] Stealth [™] SuperSOT [™] -3 SuperSOT [™] -6 SuperSOT [™] -8 SyncFET [™] TinyLogic [™] TruTranslation [™] UHC [™] UltraFET [®] VCX [™]
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PRODUCT STATUS DEFINITIONS

Definition of Terms

Datasheet Identification	Product Status	Definition
Advance Information	Formative or In Design	This datasheet contains the design specifications for product development. Specifications may change in any manner without notice.
Preliminary	First Production	This datasheet contains preliminary data, and supplementary data will be published at a later date. Fairchild Semiconductor reserves the right to make changes at any time without notice in order to improve design.
No Identification Needed	Full Production	This datasheet contains final specifications. Fairchild Semiconductor reserves the right to make changes at any time without notice in order to improve design.
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