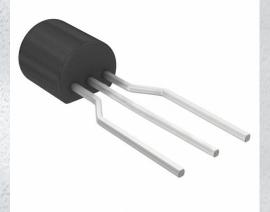


TIS93_J35Z Datasheet

www.digi-electronics.com



TIS93_J35Z-DG
onsemi
TIS93_J35Z
TRANS PNP 40V 0.8A TO92-3
Bipolar (BJT) Transistor PNP 40 V 800 mA 625 mW T hrough Hole TO-92-3

https://www.DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

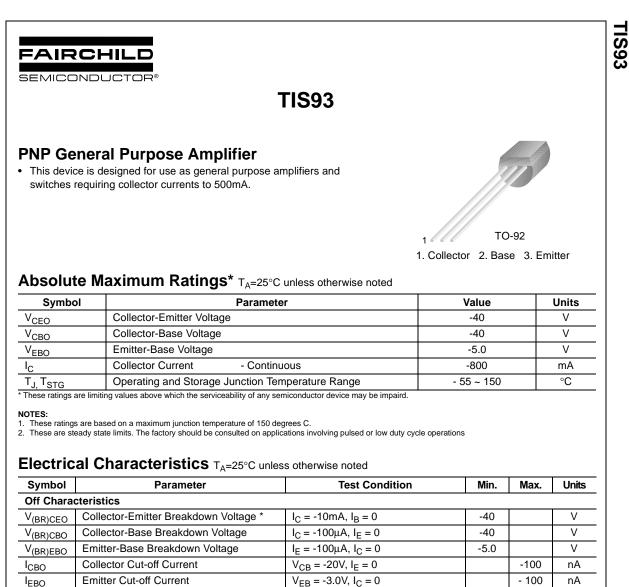


Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
TIS93_J35Z	onsemi
Series:	Product Status:
	Obsolete
Transistor Type:	Current - Collector (Ic) (Max):
PNP	800 mA
Voltage - Collector Emitter Breakdown (Max):	Vce Saturation (Max) @ lb, lc:
40 V	250mV @ 5mA, 50mA
Current - Collector Cutoff (Max):	DC Current Gain (hFE) (Min) @ lc, Vce:
100nA (ICBO)	100 @ 50mA, 2V
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) Formed Leads	TO-92-3
Base Product Number:	
TIS93	

Environmental & Export classification

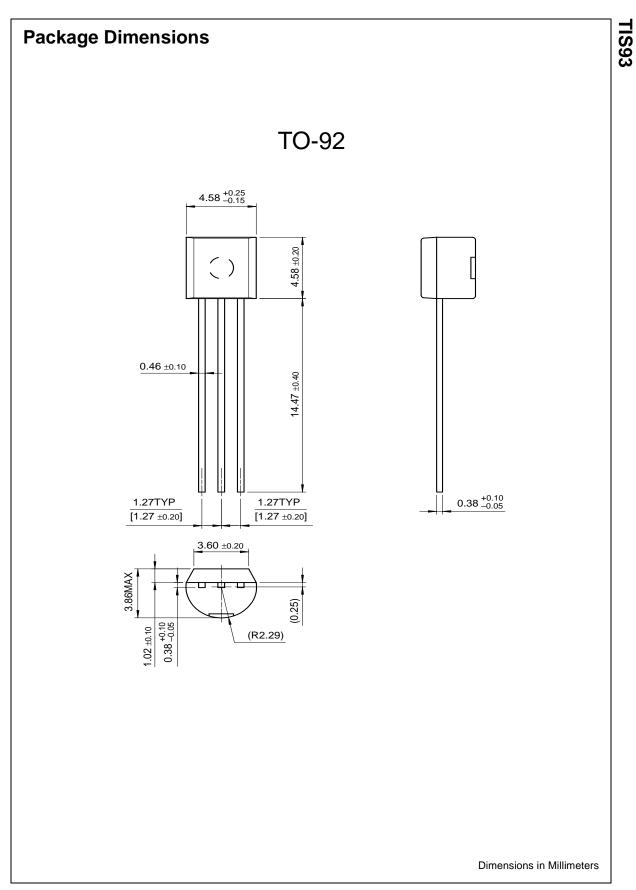
Moisture Sensitivity Level (MSL):	REACH Status:
1 (Unlimited)	REACH Unaffected
ECCN:	HTSUS:
EAR99	8541.21.0095



On Characteristics h_{FE} DC Current Gain $V_{CE} = -2.0V, I_{C} = -50mA$ 100 300 V_{CE}(sat) Collector-Emitter Saturation Voltage $I_{\rm C} = -50$ mA, $I_{\rm B} = -5.0$ mA -0.25 V V V_{BE}(on) Base-Emitter On Voltage $V_{CE} = -2.0V, I_{C} = -50mA$ -1.0

* Pulse Test: Pulse Width \leq 300µs, Duty Cycle \leq 2.0%

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



0		conductor owns or is authori	zed to use and is not
FACT™	ImpliedDisconnect™	PACMAN™	SPM™
FACT Quiet series™	ISOPLANAR™	POP™	Stealth™
FAST [®]	LittleFET™	Power247™	SuperSOT™-3
FASTr™	MicroFET™	PowerTrench [®]	SuperSOT™-6
FRFET™	MicroPak™	QFET™	SuperSOT™-8
GlobalOptoisolator™	MICROWIRE™	QS™	SyncFET™
GTO™	MSX™	QT Optoelectronics [™]	TinyLogic™
HiSeC™	MSXPro™	Quiet Series™	TruTranslation™
I²C™	OCX™	RapidConfigure™	UHC™
Around the world.™ nise™	OCXPro™ OPTOLOGIC [®]	RapidConnect [™] SILENT SWITCHER [®]	UltraFET [®] VCX™
	Haustive list of all such tra FACT [™] FACT Quiet series [™] FAST [®] FAST [™] FRFET [™] GlobalOptoisolator [™] GTO [™] HiSeC [™] I ² C [™] Around the world. [™]	FACT™ ImpliedDisconnect™ FACT Quiet series™ ISOPLANAR™ FAST® LittleFET™ FASTr™ MicroFET™ FRFET™ MicroPak™ GlobalOptoisolator™ MICROWIRE™ HiSeC™ MSXPro™ I2C™ OCX™ Around the world.™ OCXPro™ mise™ OPTOLOGIC®	$\begin{array}{llllllllllllllllllllllllllllllllllll$

DISCLAIMER

FAIRCHILD SEMICONDUCTOR RESERVES THE RIGHT TO MAKE CHANGES WITHOUT FURTHER NOTICE TO ANY PRODUCTS HEREIN TO IMPROVE RELIABILITY, FUNCTION OR DESIGN. FAIRCHILD DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE APPLICATION OR USE OF ANY PRODUCT OR CIRCUIT DESCRIBED HEREIN; NEITHER DOES IT CONVEY ANY LICENSE UNDER ITS PATENT RIGHTS, NOR THE RIGHTS OF OTHERS.

LIFE SUPPORT POLICY

FAIRCHILD'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF FAIRCHILD SEMICONDUCTOR CORPORATION.

As used herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, or (c) whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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.
Obsolete	Not In Production	This datasheet contains specifications on a product that has been discontinued by Fairchild semiconductor. The datasheet is printed for reference information only.



OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we striciy control the quality of products and services. Welcome your RFQ to Email: Info@DiGi-Electronics.com

	<section-header></section-header>		
Marchine Marchine Marchine M	Market	Marchine Marchine Image: Control of the sector of the sec	





Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.