

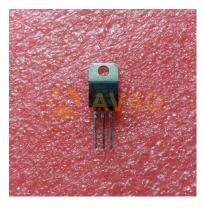
## Trans Darlington NPN 100V 8A 2000mW 3-Pin(3+Tab) TO-220AB Tube

Manufacturer: <u>STMicroelectronics</u>, Inc

Package/Case: TO-220

**Product Type:** Thyristors

**Lifecycle:** Active



Images are for reference only

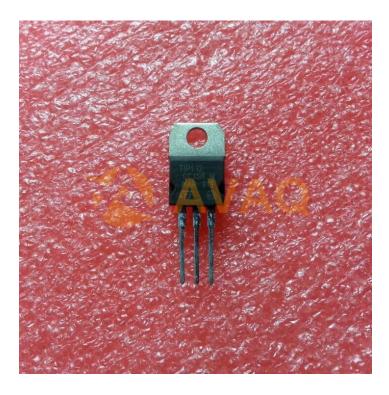
Inquiry

## **General Description**

Package Type: TO-220

The TIP132 is a silicon Epitaxial-Base NPN power transistor in monolithic Darlington configuration, mounted in Jedec TO-220 plastic package. It is intented for use in power linear and switching applications. The complementary PNP type is TIP137. Also TIP135 is a PNP type.

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<b>Key Features</b>	Application
Transistor Type: NPN Darlington	The TIP132 is commonly used in applications such as power supply control, motor control, lamp drivers, and general-purpose high-current switching. Its Darlington configuration provides high current amplification and allows the transistor to be driven by
Maximum Collector- Emitter Voltage: 100V	low-current control signals.
Maximum Collector-Base Voltage: 100V	
Maximum Emitter-Base Voltage: 5V	
Collector Current: 5A	
Power Dissipation: 40W	
DC Current Gain (hFE): 1000 (min) at IC = 3A, VCE = 4V	



## **Recommended For You**

**TIP102** 

STMicroelectronics, Inc

TO-220

STIB1560DM2T-L

STMicroelectronics, Inc

N

STGIF5CH60TS-L

STMicroelectronics, Inc

SDIP2B-26

STP24NF10

STMicroelectronics, Inc

TO-220

STGIPS20K60

STMicroelectronics, Inc

SDIP-25

**TIP120** 

STMicroelectronics, Inc

TO-220

STIB1060DM2T-L

STMicroelectronics, Inc

42

STGIPS10K60A

STMicroelectronics, Inc

SDIP-25L

BDX54C

STMicroelectronics, Inc

TO-220

BUL38D

STMicroelectronics, Inc

TO-220

**TIP127** 

STMicroelectronics, Inc

TO-220

STIB1560DM2-L

STMicroelectronics, Inc

DIP

BDW93CFP

STMicroelectronics, Inc

TO-220F

STGW30NC120HD

STMicroelectronics, Inc

TO-247

**BU931T** 

STMicroelectronics, Inc

TO-220