

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



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-220

Product Type: Thyristors

Lifecycle: Active

General Description

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

Key Features

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 low-current control signals.

Maximum Collector-Emitter Voltage: 100V

Maximum Collector-Base Voltage: 100V

Maximum Emitter-Base Voltage: 5V

Collector Current: 5A

Power Dissipation: 40W

DC Current Gain (hFE): 1000 (min) at $I_C = 3A$, $V_{CE} = 4V$

Package Type: TO-220



Recommended For You

TIP102

STMicroelectronics, Inc

TO-220

TIP120

STMicroelectronics, Inc

TO-220

TIP127

STMicroelectronics, Inc

TO-220

STIB1560DM2T-L

STMicroelectronics, Inc

N

STIB1060DM2T-L

STMicroelectronics, Inc

42

STIB1560DM2-L

STMicroelectronics, Inc

DIP

STGIF5CH60TS-L

STMicroelectronics, Inc

SDIP2B-26

STGIPS10K60A

STMicroelectronics, Inc

SDIP-25L

BDW93CFP

STMicroelectronics, Inc

TO-220F

STP24NF10

STMicroelectronics, Inc

TO-220

BDX54C

STMicroelectronics, Inc

TO-220

STGW30NC120HD

STMicroelectronics, Inc

TO-247

STGIPS20K60

STMicroelectronics, Inc

SDIP-25

BUL38D

STMicroelectronics, Inc

TO-220

BU931T

STMicroelectronics, Inc

TO-220