
S8050 produces small power inverters

Who makes s8050 transistors?

It is manufactured by multiple semiconductor companies, including Fairchild, ON Semiconductor, and STMicroelectronics. The S8050 transistor has a maximum collector current rating of 700mA, a maximum collector-emitter voltage rating of 20V, and a maximum power dissipation rating of 625mW.

What is a replacement for s8050?

S8050 is a general-purpose NPN transistor commonly used in low-power amplification and switching applications. Here are some possible replacements for S8050: 2N3904: This is a widely used NPN transistor with a maximum current rating of 200mA and a maximum voltage rating of 40V.

What is the difference between a s8050 & s8550?

“Complementary” means that we need an NPN transistor and its equivalent PNP transistor. In this case, the NPN transistor is the S8050, and its equivalent PNP transistor is the S8550. A simple circuit diagram of a Class B amplifier using the S8050 is shown below.

What is the maximum gain value of s8050 transistor?

It has a maximum gain value of 400; this value determines the amplification capacity of the transistor normally S8050. Since it is very high it is normally used for amplification purposes.

S8050 is a low-power NPN silicon tube, which is composed of emitter area, base area and collector area. Its main function is to help ...

S8050 PDF Specs and Replacement The S8050 is an NPN bipolar junction transistor widely used in low-power amplification and switching applications. Designed for general-purpose use, it ...

S8050 in Push-Pull Configuration As mentioned in the features of the S8050 transistor is commonly used in push pull configuration with Class B amplifier. So let us discuss ...

In this article, we'll delve into the S8050 NPN transistor, exploring its datasheet, pinout, circuit diagram, working, uses, equivalents, and more details.

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S8050 is a low-power NPN silicon tube, which is composed of emitter area, base area and collector area. Its main function is to help electric current pass between circuits. ...

The S8050 is a versatile transistor used across consumer electronics, DIY electronics, IoT devices, communication gadgets, and small power control modules, thanks to ...

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The s8050 transistor offers a maximum collector current of 700 mA, which allows it to drive small motors, relays, or multiple LEDs. The collector-emitter voltage rating of 25 V ...

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