

2n3055 high power inverter production





Overview

What is a 2N3055 transistor inverter?

When constructed correctly, the 2N3055 transistor inverter circuit can provide a reliable source of alternating current power for a variety of applications. A few examples of these include powering fans and lights, charging batteries, running tools, and powering small electronic devices.

What is a 2N3055 switch used for?

The 2N3055 is commonly used in power amplifiers due to its high current and power handling capabilities, making it suitable for audio and RF amplifiers. In switching circuits, the 2N3055 acts as a switch to control high power loads, such as motors, lamps, and heaters.

What is a 2N3055 power supply?

The 2N3055 is used in power supply circuits, including linear and switching power supplies, to regulate and control high voltage and current levels. In motor controller applications, the 2N3055 is used to drive and control DC motors, providing efficient and reliable performance.

How much power does a 2N3055 transistor dissipate?

The 2N3055 transistor has a maximum power dissipation rating, typically specified as 115 watts at a case temperature of 25°C. This means the transistor can safely dissipate up to 115 watts if the case is kept at or below 25°C. It's crucial to consider proper heat sinking and thermal management to prevent overheating.



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Inverter Circuit using Two 2N3055 Transistors

Jul 12, 2025 · Conclusion: To conclude this Inverter Circuit using Two 2N3055 Transistors include simple steps, both beginners and experts can build an easy cross-coupled inverter circuit that ...

2n3055 Transistor Inverter Circuit Diagram

Sep 30, 2017 · Overall, the 2N3055 transistor inverter circuit is a reliable and cost-effective solution for those looking to create their own power supply. ...

2N3055 Datasheet, Pinout, Application Circuits

How to Connect The PinoutsMaximum Ratings and Specifications of 2N3055 TransistorApplication Circuits Using 2N3055Amplifier Circuit Using A Single 2N3055Power Inverter 100 Watts Using 2N305512V to 48V Battery Charger Using 2N3055ConclusionThe 2N3055 is a versatile NPN power transistor which can be effectively applied for all medium power (current) delivering circuit. The few main of these applications are in the field of inverters and power amplifiers. Due to relatively high hFE range this device can be used in a wide range of circuits for handling high current efficiently. It's met See more on homemade-circuits .b_imgcap_altitle p strong,.b_imgcap_altitle .b_factrow strong{color:#767676}#b_results .b_imgcap_altitle{line-height: 22px}.b_imgcap_altitle{display:flex;flex-direction:row-reverse;gap:var(--mai-smtc-padding-card-default)}.b_imgcap_altitle .b_imgcap_img{flex-shrink:0;display:flex;flex-direction:column}.b_imgcap_altitle .b_imgcap_main{min-width:0;flex:1}.b_imgcap_altitle .b_imgcap_img>div,.b_imgcap_altitle .b_imgcap_img a{display:flex}.b_imgcap_altitle .b_imgcap_img img{border-radius:var(--smtc-corner-card-rest)}.b_hList img{display:block}.b_imagePair ner img{display:block;border-radius:6px}.b_algo .vtv2 img{border-radius:0}.b_hList .cico{margin-bottom:10px}.b_title .b_imagePair> ner,.b_vList>li>.b_imagePair> ner,.b_hList .b_imagePair> ner,.b_vPanel>div>.b_imagePair> ner,.b_gridList .b_imagePair> ner,.b_caption .b_imagePair> ner,.b_imagePair> ner>.b_footnote,.b_poleContent .b_imagePair> ner{padding-bottom:0}.b_imagePair> ner{padding-bottom:10px;float:left}.b_imagePair.reverse> ner{float:right}.b_imagePair .b_imagePair:last-child:after{clear:none}.b_algo .b_title .b_imagePair{display:block}.b_imagePair.b_cTxtWithImg>*>{vertical-align:middle;display:inline-block}.b_imagePair.b_cTxtWithImg> ner{float:none;padding-right:10px}.b_imagePair.square_s> ner{width:50px}.b_imagePair.square_s{padding-left:60px}.b_imagePair.square_s> ner{margin:2px 0 0 -60px}.b_imagePair.square_s.reverse{padding-left:0;padding-right:60px}.b_imagePair.square_s.reverse> ner{margin:2px -60px 0 0}.b_ci_image_overlay: hover{cursor:pointer} sightsOverlay,#OverlayIFrame.b_mcOverlay sightsOverlay{position:fixed;top:5%;left:5%;bottom:5%;right:5%;width:90%;height:90%;border:0;border-radius:15px;margin:0;padding:0;overflow:hidden;z-index:9;display:none}#OverlayMask,#OverlayMask.b_mcOverlay{z-index:8;background-color:#000;opacity:.6;position:fixed;top:0;left:0;width:100%;height:100%}rgelectrics Simple Inverter Circuit Using 2N3055 - RG ...Jan 8, 2025 · A simple inverter circuit is an essential electronic device that converts low-voltage DC (direct current) into high-voltage AC (alternating ...

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2N3055 Datasheet (PDF)

PowerBase complementary transistors designed for high power audio, stepping motor and other linear applications. These devices can also be used in power switching circuits such as relay ...

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Simple Inverter Circuit Using 2N3055

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