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## Transistor Substitution Guide

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[Cross Reference - Electronic Circuits, TV Schematics, Audio Transistor Selection Guide Across The Board](#)"Transistor Substitution Guide WordPress com April 24th, 2018 - Transistor Substitution Guide NTE Components 6 / 26. with cross reference 2N702 NTE123A NPN Silicon Complementary Transistor General Purpose 2N918 A NTE161 NPN Silicon

[Bipolar Transistor Cross-reference Search | Equivalent ...](#)  
The 14th Edition ECG Semiconductor Master Guide features approximately 13,000 additional crosses and over 230 new devices, including several new product families. Product additions are summarized on pages 1-1 and 1-2

and are identified by type number in the numerical Product Index, beginning on page 1-6. Complementing this expansion are new selector guides and numerous other refinements, all designed to further simplify choosing the best ECG replacement type for the application.

Transistor Equivalent List - HOME - ads.baa.uk.com

The V EB rating isn't usually a factor in choosing a substitute transistor. V CB is always equal to or greater than V CE and you can use either of these maximum voltages to compare transistors. Choose a substitute transistor with a breakdown voltage rating at least as high as the original. **MAXIMUM CURRENT**

*Bipolar Power Transistor Selection Guide*

TRANSISTOR CONSTRUCTION TECHNIQUES By using two impurities diffused simultaneously, it is possible to form P type layer.2 mil thick and an N type emitter layer.3 mil thick. By making contacts to the base and emitter regions, a transistor is produced capable of carrying up to 10 amperes.

The Fet substitution-replacement and cross reference

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guide

Anti-Saturation Transistors DPAK IPAK TO-126 TO-220 Packages Surface Mount (DPAK, D2PAK) Through-Hole (TO-92, IPAK, TO-126, TO-220) Through-Hole (TO-220F, TO-3P, TO-3PF, TO-264) [www.fairchildsemi.com](http://www.fairchildsemi.com) Bipolar Power Transistor Selection Guide January 2003 Table of Contents Product page General Purpose Transistors Horizontal Deflection Output ...

Transistor Substitution - BustedGear.com

The TIP transistor series is a popular BJT option in this class of part. Here are some great examples: TIP31 Transistor - collector current max = 3 Amps, hfe = 10, max power = 2 Watts, link. TIP120 Transistor - collector current max = 5 Amps, hfe = 1000, max power = 2 Watts, link

Transistor Substitution Guide

Finding the right transistor fet substitution is important if you want the equipment you repair to last longer. Electronic repairers who perform switch mode power supply repair quite often frustrated because they could not find the original part number and to add things worst they also could not find the right fet replacement or substitution.

Transistors: Your Complete Guide On How To Use Them In ...

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Choosing Transistor Replacements » Electronics Notes Step by step instructions: Choose a transistor of the same polarity: The first major selection criterion is whether the transistor is PNP or NPN. Select a replacement transistor of the same material: Most transistors are either silicon or germanium. As bias voltages... Select the same functional ... Transistor Manual Third Edition ECG-315 IC Software Database dated 2003 with database information from more than 100,000 semiconductors such as transistors and integrated circuits. As is information ... want to know when information about a particular component or find a replacement. ... Equivalent guide 100 thousand components ” Toheeb. July 21, 2017 at 1:12 pm .

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Simple Formula in Hindi Types of transistor how to find transistor base emitter collector with multimeter? how to check pnp and npn? electronics MOSFETs and How to Use Them | AddOhms #11 ~~MOSFET vs Transistor Testing Difference, transistor vs mosfet, electronics MOSFET vs Transistor Testing Difference Transistor Identification and Testing made easy.~~ IDENTIFY TRANSISTOR PINOUT Transistors - Electronics Basics 22 (Updated) How to Check NPN and PNP Transistors? how to find out base,collector,emitter? electronics Popular Equivalent for TV || Led tv repair|| Transistor || Eht || Ic || Fbt || How Transistors Work - The Learning Circuit How to repair a dead Integrated home audio amplifier step by step

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MOSFET (TAGALOG) CHECKING FOR BAD AND GOOD POWER TRANSISTOR Transistor / MOSFET tutorial SMD CODE Calculate Code Value COMPONENT

Articles › Transistors in Vintage Radios  
How to choose a replacement for a bipolar transistor  
TOTAL: 124365 transistors. LIST Last Update. BJT:  
3DD4205D-O-Z-N-C | 3DD4205D-O-M-N-C |  
MD1803DFH | SFT245 ...

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Fbt || How Transistors Work - The Learning Circuit  
How to repair a dead Integrated home audio amplifier  
step by step

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MOSFET (TAGALOG) CHECKING FOR BAD AND  
GOOD POWER TRANSISTOR Transistor / MOSFET  
tutorial SMD CODE Calculate Code Value  
COMPONENT

Understanding transistor replacement, substitution and ...  
NTE Cross Reference Guide Enter the Manufacturer Part  
Number of your Semiconductors into the form below to  
locate a compatible NTE replacement. The purpose of the  
Cross Reference Guide is to assist you in searching for a  
part on our linecard by the manufacturer which is similar  
in function to products of other companies.

Transistor Substitution Guide - 1x1px.me

Understanding Transistor Replacement, Substitution and  
Information Is Very Important For a Electronic Repairer. ECG  
Philips Guide Book. Finding transistor replacement can take  
you hours if you don ' t know the right method to do it.  
Searching the right transistor for substitution is a skill, if you  
replace wrong specifications of transistor into the equipment; it  
may burn in less than couples of seconds.

ECG Semiconductors Master Replacement Guide (1989) :  
Free ...

General Transistor substitution chart Most Common :  
2N3904 2N3906 2N4125 2N4401 2N5088 2N5458  
2N5951 2N5952 12AU7 BC547 Boost JRC386 JRC741

JRC4558D LM308 LM386 LM741 MPF102 Other  
Overdrive - Distortion Phaser Preamp TL061 TL072  
Tremolo Tube Pedal Tube preamp Tubes Utility  
All Transistors. Datasheet. Cross Reference Search ...  
transistor substitution bustedgear com. practical guide  
to free energy devices chapter 2. resistor wikipedia.  
peer reviewed journal ijera com. filter design guide  
brandeis university high energy. battery recycling and  
disposal guide for households. optoisolator ic  
electronicrepairguide com. archer transistor  
substitution guide substitution for up.

NTE Semiconductors Cross Reference Guide

Semiconductor ( Transistor, diode, IC) Cross reference. IC  
Cross Reference Cross Reference CI STK Cross Reference CI  
TDA Cross Reference CI Sharp Cross Reference Hitachi Audio  
IC Cross Reference and Circuit Applications SMD Cross  
Reference and Equivalent We make every effort to ensure that  
the material on this site is accurate, however we do not  
warrant or represent that the Information is free ...

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How to choose a replacement for a bipolar transistor  
Cross-Reference Search Result (Equivalent Transistors)  
Type: 100DA025D 100T2 101NU70 101NU71 102NU70  
102NU71 103NU70 103NU71 104NU70 104NU71 104T2  
105NU70 106NU70 1074GE 107NU70 108T2 109T2  
10AM20 111T2 111T2-18 1129NTV1 ...

Of the failure modes considered so far, replacement is the  
only cure. These transistors are relatively easy to find,  
but some of them can be expensive - luckily, the circuits

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are generally non-critical, and some substitutions can be performed - refer to Towers or some other equivalent guide. Oh, and be aware that a modern version of the AC128 (and others) exists and is readily available as NOS - they were available at the larger suppliers like CPC until relatively recently.