

## Transistor Replacement Guide

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### Transistor Replacement Guide

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 ...

### Choosing Transistor Replacements » Electronics Notes

Abstract: ECG transistor replacement guide book free 2sb337 TRANSISTOR REPLACEMENT GUIDE 980510 2N339 C24850772 bc149c 2sb508 59510 Text: The ARCHER TRANSISTOR SUBSTITUTION GUIDE and cross-reference listing has been prepared by the . check the entire circuitry to be sure the transistor requires replacement .

### TRANSISTOR REPLACEMENT GUIDE datasheet & applicatoin notes ...

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.

### Understanding transistor replacement, substitution and ...

This transistor is made by taking a wafer of "N" type germanium, mounting it on a holder and pressing indium dots into each side. The assembly is then heated in a furnace until the indium melts and alloys with germanium forming a "P" layer within the "N" type germanium. The complete assembly is shown by Figure 7. ...

### Transistor Manual Third Edition ECG-315

Finding a substitute replacement transistor isn't difficult if you know the specs of the original transistor and organize your stock by specs instead of type numbers. You'll find that fewer devices need to be stocked, and turnaround time can be reduced.

### Transistor Substitution - BustedGear.com

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.

### NTE Semiconductors Cross Reference Guide

PNP transistors will be "red ink, NPN transistors will be "black" ink. ZZZ = Voltage value where ICEO is specified. ORIGINAL IN-HOUSE NUMBER ALTERNATE IN-HOUSE NUMBER FIELD REPLACEMENT NUMBER ORDER NUMBER NOTES SPECIAL APPLICATIONS PARTS 4025 MAC-525-6 70404025 400V 25A TRIAC Q4040P 70404040 400V 40A TRIAC 2N6346A SAC-187 70416346 200V 12A TRIAC

### SEMI-CONDUCTOR/TRANSISTOR CROSS-REFERENCE LIST Peavey ...

Here you will find the complete guide on transistors. From the basics of transistors, the different types, the most popular parts, and how to use them in circuits, I have you covered in this transistor guide.This is part of our Basics series on diodes and transistors. What Is A Transistor?Let's get started with an easy to [...]

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

ECG Semiconductors Master Replacement Guide (ECG212P) 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 ...

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

NTE a leading electronics supplier of semiconductors, capacitors, resistors, LED products and more. Component catalog, datasheets and online cross reference

### NTE Electronics Inc. | Electronic Components Supplier ...

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 Bipolar Power Transistor Selection Guide January 2003 Table of Contents Product page General Purpose Transistors Horizontal Deflection Output ...

### Bipolar Power Transistor Selection Guide

REPLACEMENT Bipolar Transistors Cross Reference. 2N5037 2N3055 2N5038 2N5038 2N5039 2N5038 2N5068 BDW51C 2N5069 BDW51C 2N5083 2N5339 2N5085 2N5339 2N5148 2N5339 2N5150 2N5339 2N5152 2N5339 2N5153 2N5153 B5S44 2N5154 2N5154 2N5157 BUX48A 2N5190 2N5191 2N5191 2N5191 2N5192 2N5192 2N5193 2N5193 2N5194 2N5195 2N5195 2N5195

### BIPOLAR CROSS REFERENCE

Almost all the transistor replacement book will published out the specification of a particular components such as type of component it belong whether it is a fet, scr, bipolar transistor, horizontal output transistor and also the voltage, ampere, wattage, ohm, frequency and suggested substitution part number.

### Mosfet cross reference-replacement and datasheet

Replace part... With NTE part... Product Line: Data Sheets: Distributor Inventory: Notes: 2N5401: NTE288: Semiconductor

### NTE Cross Reference

The general parameters you need to meet or exceed are: \* Maximum Id \* Maximum Vds \* Maximum Ft If you hit those, you are in the right ballpark for a replacement. There are other parameters you can match for a better fit: \* Vt \* Cgs & Cgd \* Gate Q ...

### How to find a replacement for a mosfet that's out of ...

The industry's most comprehensive electronic cross reference software available today! NTE Electronics has released the latest version of their popular cross reference software program, QUICKCross™.

### NTE QUICKCross Download | NTE Electronics

When looking for the correct BJT replacement, it is necessary to understand and consider a few related parameters in the main specification. Beyond operation temperatures and typical applications, the below basic transistor parameters need to be considered. Polarity It is necessary to find out whether the transistor is either NPN or PNP.