

Smd General Purpose Transistor Npn Bc817 16 Bc817 25 Pdf Free Download

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SMD General Purpose Transistor (NPN) BC817-16/BC817-25 ...

SMD General Purpose Transistor (NPN) Features • NPN Silicon Epitaxial Planar Transistor For Switching And Amplifier Applications • RoHS Compliance Mechanical Data Case: SOT-23, Plastic Package Terminals: Solderable Per MIL-STD-202G, Method 208 Weight: 0.008 Gram Marking Information BC817-16 BC17-25 BC817-40 Marking Code 6A 6B 6C May 1th, 2024

BC817-40W - 45 V, 0.5 A, General Purpose NPN Transistor

*Date Code Orientation And/or Overbar May Vary Depending Upon Manufacturing Location. ... Safe Operating Area 1 VCE (Vdc) 0.1 1 0.1 0.01 10 100 0.01 0.001 I C (A) Single Pulse Test @ TA = 25°C Thermal Limit 100 Ms 1 S 10 Ms 1 Ms. SC-70 (SOT-323) CASE 419 ISSUE P DATE 07 OCT 2021 SCALE 4 Apr 1th, 2024

2N4400 & 2N4401 Silicon NPN Transistor General Purpose ...

2N4401 40 – 500 Output Admittance H_{oe} IC = 1mA, VCE = 10V, F = 1kHz 1.0 – 30 μ hos Switching Characteristics Delay Time Td VCC = 30V, VEB = 2V, IC = 150mA, IB1 = 15mA – – 15 Ns Rise Time Tr – – 20 Ns Storage Time Ts VCC = 30V, IC = 150mA, IB1 = IB2 = 15mA – – 225 Ns Fall Time Tf – – 30 Ns Note 1. Pulse Test: Pulse Width \leq ... Mar 3th, 2024

SMD General Purpose Transistor (PNP) MMBT2907A

Marking Code 2F -VCEO Collector-Emitter Voltage (Open Base) 60 V -VCBO Collector-Base Voltage (Open Emitter) 60 V -VEBO Emitter-Base Voltage (Open Collector) 5.0 V -IC Collector Current (D.C) 600 MA Ptot Power Dissipation Above 25°C 250 MW FT Transition Frequency At F= 100MHz 200 MHz -IC=50mA, -VCE=20V Jan 3th, 2024

MJE13007 Switch-mode NPN Bipolar Power Transistor

Power Transistor For Switching Power Supply Applications The MJE13007 Is Designed For High-voltage, High-speed Power Switching Inductive Circuits Where Fall Time Is Critical. It Is Particularly Suited For 115 And 220 V Switch-mode Applications Such As Switching Regulators, Inverters, Jan 2th, 2024

High Voltage Transistor BF393 NPN Silicon

BF393 [Http://onsemi.com](http://onsemi.com) 3 Figure 1. DC Current Gain IC, COLLECTOR CURRENT (mA) 200 1.0 2.0 3.0 5.0 7.0 10 2 Mar 1th, 2024

Npn Bipolar Junction Transistor

EE 436 BJT Currents - 9 External (terminal) Currents. All Currents Depend On V BE

In Exactly The Same Way. Although It Is A Messy Exponential, They Are All Tracking Together. It Makes Sense To Look At The Ratios: Forward Current Jun 2th, 2024

MPSA44 NPN High-voltage Transistor

NXP Semiconductors Product Data Sheet NPN High-voltage Transistor MPSA44 DATA SHEET STATUS Notes 1. Please Consult The Most Recently Issued Document Before Initiating Or Completing A Design. 2. The Product Status Of Device(s) Described In This Document May Have Changed Since This Document Was Published And May Differ In Case Of Multiple Devices. Apr 2th, 2024

MJE800/801/802/803 NPN Epitaxial Silicon Darlington Transistor

©2001 Fairchild Semiconductor Corporation Rev. A1, February 2001
MJE800/801/802/803 ... Cross-reference Search Technical Information Buy Products Technical Support My Fairchild Company MJE800 NP Jan 2th, 2024

2N4401 NPN Switching Transistor - ElectroSchematics.com

Jul 02, 2013 · NPN Switching Transistor 2N4401 PACKAGE OUTLINE UNIT A OUTLINE REFERENCES VERSION EUROPEAN PROJECTION ISSUE DATE IEC JEDEC JEITA Mm 5.2 5.0 B 0.48 0.40 C 0.45 0.38 D 4.8 4.4 D 1.7 1.4 E 4.2 3.6 L 14.5 12.7 E 2.54 E1 1.27 L1 (1) Max. 2.5 B1 0.66 0.55 DIMENSIONS (mm Are The Original Dimensions) Note 1. Terminal Dimensions Within This Zone Are ... Jun 3th, 2024

BC546/547/548/549/550 NPN Epitaxial Silicon Transistor

Figure 5. Output Capacitance Figure 6. Current Gain Bandwidth Product 0 2468 101214161820 0 20 40 60 80 100 I B = 50µA I B = 100µA I B = 150µA I B = 200µA I B = 250µA I B = 300µA I B = 350µA I B = 400µA I C [mA], COLLECTOR CURRENT V CE [V], COLLECTOR-EMITTER VOLTAGE 0.0 0.2 0.4 0.6 0.8 1.0 1.2 0. Mar 3th, 2024

NTE130 (NPN) & NTE219 (PNP) Silicon Power Transistor ...

Silicon Power Transistor Audio Power Amp, Medium Speed Switch Description: The NTE130 (NPN) And NTE219 (PNP) Are Silicon Complementary Transistors In A TO3 Type Case Designed For General Purpose Switching And Amplifier Applications. Features: DC Current Gain: HFE = 20 - 70 @ IC = 4A Collector-Emitter Saturation Voltage: VCE(sat) = 1.1V (Max ... May 3th, 2024

MJE340 - Plastic Medium-Power NPN Silicon Transistor

0.01 0.03 1.0 2.0 5.0 10 20 50 100 2000.1 0.50.2 1.0 0.2 0.1 R(t), Effective Transient 0.05 Jc(t) = R(t) Jc Jc = 3.12°C/w Max D Curves Apply For Power Pulse Train Shown Read Time At T1 ... Asme Y14.5m, 1994. 2. Controlling Dimension: Millimeters. 3. Number And Shape Of Lugs Optional. 2x 2x Q D L1 P B2 B E C L A1 A Front View Back View Front ... Mar 1th, 2024

PBSS4140DPN 40 V Low V CEsat NPN/PNP Transistor

2001 Dec 13 5 NXP Semiconductors Product Data Sheet 40 V Low VCEsat NPN/PNP Transistor PBSS4140DPN Handbook, Halfpage 0 1000 200 400 600 800 MLD642 10-1 1 (1) 10 IC (mA) HFE 102 103 104 Jan 1th, 2024

PBSS4140U 40 V Low V CEsat NPN Transistor - Nexperia

2001 Jul 13 4 NXP Semiconductors Product Data Sheet 40 V Low VCEsat NPN Transistor PBSS4140U Handbook, Halfpage 0 1000 200 400 600 800 MLD660 10–1 1 (1) 10 IC (mA) HFE 102 103 104 Apr 3th, 2024

NSS20201L - 20 V, 4.0 A, Low VCE(sat), NPN Transistor

NSS20201LT1G, NSV20201LT1G Wwww.onsemi.com 2 MAXIMUM RATINGS (TA = 25°C) Rating Symbol Max Unit Collector-Emitter Voltage VCEO 20 Vdc Collector-Base Voltage VCBO 20 Vdc Emitter-Base Voltage VEBO 6.0 Vdc Collector Current – Continuous IC 2.0 A Collector Current – Peak ICM 4.0 A Jan 2th, 2024

NSS12501UW3T2G 12 V, 7.0 A, Low VCE(sat) NPN Transistor

Electrostatic Discharge ESD HBM Class 3B MM Class C THERMAL CHARACTERISTICS Characteristic Symbol Max Unit Total Device Dissipation, TA = 25°C Derate Above 25°C PD (Note 1) 875 7.0 MW MW/°C Thermal Resistance, Junction-to-Ambient RJA (Note 1) 143 °C/W Total Device Dissipation, TA May 2th, 2024

MPS5179 / MMBT5179 / PN5179 NPN RF Transistor

Cover Tape Carrier Tape Note/Comments Packaging Option SOT-23 Packaging Information Standard (no Flow Code) D87Z Packaging Type Reel Size TNR 7" Dia TNR 13" Qty Per Reel/Tube/Bag 3,000 10,000 Box Dimension (mm) 187x107x183 343x343x64 Max Qty Per Box 24,000 30,000 Weight Per Unit (gm) 0.0082 0.0082 Weight Per Reel (kg) 0.1175 0.4006 Human ... Feb 2th, 2024

TOSHIBA Transistor Silicon NPN Tr Iple Diffused Type (PCT ...

Mar 10, 2010 · Plasma Display, Nixie Tube Driver Applications Cathode Ray Tube Brightness Control Applications • High Breakdown Voltage: VCBO = 300 V, ... 12 14 0.6 2 0.5 0.4 0.3 0.2 50 90 80 12 0 0 10 8 2 80 120 160 Common Emitter Ta = 25°C 70 IB = 10 µA 20 Mar 1th, 2024

2N4401/MMBT4401 NPN General Purpose Amplifier

2N4401 *MMBT4401 PD Total Device Dissipation Derate Above 25°C 625 5.0 350 2.8 MW MW/°C RθJC Thermal Resistance, Junction To Case 83.3 °C/W RθJA Thermal Resistance, Junction To Ambient 200 357 °C/W 2N4401 / MMBT4401 C B E TO-92 C B E SOT-23 Mark: 2X *Device Mounted On FR-4 PCB 1.6" X 1.6" X 0.06." Discrete POWER & Signal Technologies May 1th, 2024

Small Signal General Purpose Transistors (NPN) 2N4400/2N4401

2N4400/2N4401 Small Signal General Purpose Transistors (NPN) Wwww.taitroncomponents.com Page 2 Of 4 Electrical Characteristics (T Ambient=25°C Unless Noted Otherwise) 2N4400 2N4401 Symbol Description Min. Max. Min. Max. Unit Conditions V(BR)CBO Collector-Base Breakdown Voltage 60 - 60 - V IC=100µA, IE=0 Mar 2th, 2024

2N4401, MMBT4401 - NPN General-Purpose Amplifier

2N4401 / MMBT4401 Rev. 1.1.0 November 2014 2N4401 / MMBT4401 NPN General-Purpose Amplifier Ordering Information Figure 1. 2N4401 Device Package Figure 2. MMBT4401 Device Package Part Number Marking Package Packing Method 2N4401BU 2N4401 TO-92 3L Bulk 2N4401TF 2N4401 TO-92 3L Tape And Reel 2N4401TFR 2N4401 TO-92 3L Tape And Reel 2N4401TA 2N4401 ... Jan 1th, 2024

LOW FREQUENCY SMD CRYSTALLLOW FREQUENCY SMD ...

LOW FREQUENCY SMD CRYSTALLLOW FREQUENCY SMD CRYSTALOW FREQUENCY SMD CRYSTAL STANDARD SPECIFICATIONS: OUTLINE DRAWING: MARKING INSTRUCTIONS: OPTIONS AND PART IDENTIFICATION (Left Blank If Standard): 8.0 X 3.8 X 2.5mm TABLE 1: 20.000 To 27.000 (Fund) 30 9.000 To 12.999 (Fund) 60 13.000 To 15.999 ... May 1th, 2024

Smd Transistor Code Wordpress

Size Chart - Footprint Selection Chart - TopLine Dummy 40 V, 200 MA NPN Switching Transistor 5 November 2020 Product Data Sheet 1. General Description NPN Switching Transistor In A Small SOT23 (TO-236AB) Surface-Mounted Apr 3th, 2024

Smd Transistor Marking Code Pdf - Mbmwebsite.com

SMD Code Book And Marking Codes - ElectroSchematics.com Next Look Up The Code In The Alphanumeric Listing Which Forms The Main Part Of The Pdf Book By Looking For The First Character In The Left Column. You Can Use The CTRL + F Shortcut To Search For A ... Mar 3th, 2024

There is a lot of books, user manual, or guidebook that related to Smd General Purpose Transistor Npn Bc817 16 Bc817 25 PDF in the link below:

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