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Bc547c onsemi bipolar transistors - bjt 100ma 50v npn datasheet, inventory, & pricing. com 2 electrical characteristics ($t_c = 25^\circ \text{C}$ unless otherwise noted) symbol parameter test condition min. features • pb-free package is available* applications • esd protection. silicon npn epitaxial planar low noise af transistor. inductive load protection.

see pn100a for characteristics. on semiconductor is a publicly traded company that designs, develops, and manufactures a wide range of semiconductor bc547c pdf products for various applications, including automotive, computing, consumer, industrial, and communications markets. literature fulfillment: literature distribution center for on semiconductor. throughout its history, motorola was known for its innovation in the field of telecommunications. 1 to- 92 plastic package pin configuration: 1. others with the same file for datasheet: bc548, bc549, bc549a, bc549b, bc549c. total device dissipation @ $t_a = 25^\circ \text{C}$ pd 625 mw derate above 25°C 5. bc547c bc547c absolute maximum ratings symbol parameter value unit v_{cb0} collector- base voltage ($i_e = 0$) 50 v v_{ceo} collector- emitter voltage ($i_b = 0$) 45 v v_{eb0} emitter- base voltage ($i_c = 0$) 6 v i_c collector current 100 ma i_{cm} collector peak current 200 ma p_{tot} total dissipation at $t_c = 25^\circ \text{C}$ 500 mw t_{stg} storage temperature - 65 to 150 $^\circ \text{C}$ t_j max.

american technical support. collector - base voltage v_{cb0} vdc. ordering ntinued type number[1] package name description version table 5. bc547cbu bc547c to- 92 3l bulk bc547cta bc547c to- 92 3l ammo bc547ctfr bc547c to- 92 3l tape and reel bc548bu bc548 to- 92 3l bulk bc548bta bc548b to- 92 3l ammo bc548cta bc548c to- 92 3l ammo bc549bta bc549b to- 92 3l ammo bc549btf bc549b to- 92 3l tape and reel bc549cta bc549c to- 92 3l ammo bc550cbu bc550c to- 92 3l bulk bc550cta bc550c to- 92 3l ammo 1. bc547c[2] table 4. bc546 / bc547 / bc548 / bc549 / bc550 www. 1a 3- pin to- 92 bulk - boxed product (development kits) bc547c onsemi - datasheet pdf & technical specs.

static characteristic figure 2. units i_{cb0} collector cut- off current v_{cb} = 30 v, $i_e = 0$ 15 na. dimensional outline drawing bc547c pdf (pdf). download the bc547c datasheet from onsemi. emitter - base voltage v_{eb0} 6. it was headquartered in schauburg, illinois and was one of the largest providers of mobile phones, telecommunication equipment, and semiconductors. 0 khz, f = 200 hz) bc546 bc547 bc548 nf - - - 2. absolute maximum ratings* $t_a = 25^\circ \text{C}$ unless. polarity reversal protection. the npn bipolar transistor is designed for use in linear and switching applications.

i_b is value for which $i_c = 11 \text{ ma}$ at $v_{ce} = 1$. marking codes type number[1] marking code[2] type number[1] marking code[2] bc847 1h* bc847at 1e bc847a 1e* bc847at/ dg b5 bc847b 1f* bc847bt 1f bc847b/ dg * bc bc847ct 1g bc847c 1g* bc847am d4 bc847w 1h* bc847bm d5 bc847aw 1e* bc847cm d6. about on semiconductor. product overview. publication ordering information. data line protection. fairchild semiconductor corporation rev. the device is housed in the to- 92 package, which is designed for medium power applications. general semiconductor. bc547c datasheet (pdf) images. 0 v, $r_s = 2 \text{ k}$, f = 1.

bc547 / bc547a / bc547b / bc547c discrete power & signal technologies npn general purpose amplifier bc547 bc547a bc547b bc547c this device is designed for use as general purpose amplifiers and switches requiring collector currents to 300 ma. bc547c/ 548c hfe- - - noise figure ($i_c = 0$. bc547b general purpose transistor page < 1> 12/ 05/ 08 v1. collector current - continuous i_c 100 madc. was an american multinational telecommunications company that was founded in 1928. total device dissipation @ $t_c = 25^\circ \text{C}$ pd 1.

emitter features: • npn general purpose transistors, especially suited for use in driver stages of audio. sourced from process 10. bc547c npn bipolar transistor product overview for complete documentation, see the data sheet. amplifier transistors npn silicon maximum ratings rating symbol bc546 bc547 bc548 unit collector– emitter voltage v_{ceovdc} collector– base voltage v_{cbovdc} .
the company was founded in 1999 and is headquartered in phoenix, arizona. download bc547c datasheet from. a2, august bc546/ 547/ 548/ 549/ 550 typical characteristics figure 1. box 61312, phoenix, arizona 85082– 1312 usa phone: 480– 829– 7710 or 800– 344– 3860 toll free usa/ canada fax: 480– 829– 7709 or 800– 344– 3867 toll free usa/ canada email: com. 5 derate above 25° c 12.
trans gp bjt npn 45v 0.