

Product Overview

TIP35C: 25 A, 100 V NPN Bipolar Power Transistor

For complete documentation, see the data sheet.

The Bipolar Power Transistor is designed for general purpose power amplifier and switching applications. The TIP35A, TIP35B, TIP35C (NPN); TIP36A, TIP36B, TIP36C (PNP) are complementary devices.

Features

- 25 A Collector Current
- Low Leakage Current $I_{CEO} = 1.0 \text{ mA @ } 30 \text{ and } 60 \text{ V}$
- Excellent DC Gain $h_{FE} = 40 \text{ Typ @ } 15 \text{ A}$
- High Current Gain Bandwidth Product -
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat) Max} (V)$	$I_C \text{ Cont. (A)}$	$V_{CEO Min} (V)$	$V_{CBO} (V)$	$V_{EBO} (V)$	$V_{BE(sat)} (V)$	$V_{BE(on)} (V)$	$h_{FE} \text{ Min}$	$h_{FE} \text{ Max}$	$f_T \text{ Min (MHz)}$	$P_{TM} \text{ Max (W)}$	Package Type
TIP35CG	1.2066	Pb-free non AEC-Q and PPAP	Active	NPN	General Purpose	4	25	100	100	5	-	4	15	75	3	125	TO-247

For more information please contact your local sales support at www.onsemi.com.

Created on: 1/21/2021