

Product Overview

2SC6144SG: Bipolar Transistor, 50V, 10A, Low VCE(sat), NPN TO-220F-3FS

For complete documentation, see the data sheet.

2SC6144SG is a Bipolar Transistor, 50V, 10A, Low VCE(sat), NPN TO-220F-3FS for High-Current Switching Applications.

Features

- Adoption of MBIT process
- Low collector-to-emitter saturation voltage :
VCE(sat)=180mV (typ)
- High-speed switching : tf=25ns (typ)
- Large current capacitance : IC=10A

Applications

- Relay drivers, lamp drivers, motor drivers

Part Electrical Specifications																
Product	Compliance	Status	Polarity	Type	V _{CE(sat) Max} (V)	I _{C Cont.} (A)	V _{CEO Min} (V)	V _{CB0} (V)	V _{EB0} (V)	V _{BE(sat)} (V)	V _{BE(on)} (V)	h _{FE Min}	h _{FE Max}	f _{T Min} (MHz)	P _{TM Max} (W)	Package Type
2SC6144SG	Pb-free	Active	NPN	Low V _{CE(sat)}	0.36	10	50	60	5	1.2	-	200	560	330	25	TO-220-3 FullPack

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

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