

Part Number : RJH3044

Function : Silicon N channel IGBT, 360V, 30A

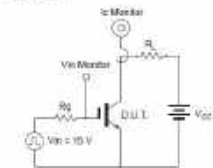
Package : TO-220 Type

Manufacturers : Renesas, Hitachi

Image:



Diagram



Description :

The RJH3044 is a silicon N channel IGBT. It has high speed power switching.

Parametrics

Absolute maximum ratings:

- (1) collector to emitter voltage : 360V
- (2) Gate to emitter voltage : $\pm 30V$
- (3) collector current : 30A
- (4) collector peak current : 200A
- (5) collector to emitter diode forward peak current : 100A
- (6) collector dissipation : 20W
- (7) junction temperature : 150
- (8) storage temperature : -55 to 150 .

Features

- (1) trench gate and thin wafer technology;
- (2) high speed switching;
- (3) low collector to emitter saturation voltage;
- (4) low leak current;
- (5) built-in fast recovery diode;
- (6) isolated package.