

New Product Introduction

New 30A Triacs in D2PAK BTA330B-800BT and BTA330B-800CT



30A triacs in D2PAK BTA330B-800BT and BTA330B-800CT

Applications



- Heating controls
- High power motor control
- High power switching
- Applications subject to high temperature ($T_{j(max)} = 150\text{ }^{\circ}\text{C}$)

Product

Product	Package
BTA330B-800BT	TO-263, D2PAK
BTA330B-800CT	TO-263, D2PAK

Key Features and Benefits

- 3Q technology for improved noise immunity
- High commutation capability with maximum false trigger immunity
- High junction operating temperature capability ($T_{j(max)} = 150\text{ }^{\circ}\text{C}$)
- High voltage capability
- High current capability
- Less sensitive gate for highest noise immunity
- Triggering in three quadrants only
- Very high immunity to false turn-on by dV/dt and fast transients
- Surface mountable plastic package
- Package is RoHS compliant

Key Parameters

Parameters	BTA330B-800BT	BTA330B-800CT
Package	D2PAK	D2PAK
$I_{T(RMS)}$	30A	30A
V_{DRM}	800V	800V
I_{GT}	50mA max	35mA max
I_{TSM}	270A @ 20ms	270A @ 20ms
$T_{j(max)}$	150°C	150°C
dI_T/dt	100A/ μ s	100A/ μ s

Cross Reference

Product	Competitor
BTA330B-800BT	ST: T3050H-6G
BTA330B-800CT	ST: T3035H-8G



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