

Fast switching (150 ns) and low $V_{CE(sat)}$ (2.4 V) PDP Drive IGBT Devices: 2PG00X Series

Overview

The 2PG00X series are PDP drive IGBT devices that respond to the needs for fast switching and low loss characteristics associated with the increasing image quality and lower power of PDP displays. These IGBT devices take advantage of the property that IGBT devices have lower loss in the high-current region than power MOSFETs to make them optimal for PDP drive.

Feature

- Low $V_{CE(sat)}$
- Fast t_f
- TO-220F/TO-220D Package

Applications

Plasma display panel drive

Lineup

Catalog number	V_{CES} (V)	IC (A)	ICP (A)	$V_{CE(sat)}$ max (@IC) (V)	t_f (typ.) (@IC) (ns)	Package
2PG001	300	30	120	2.5	150	TO-220F
2PG002	400	40	160	2.4	190	TO-220F
2PG003	430	40	160	2.4	200	TO-220F
2PG004	300	30	120	2.5	150	TO-220D
2PG005	300	40	200	2.5	165	TO-220D
2PG006	430	40	200	2.4	175	TO-220D

