

Product Overview

FGD2736G3_F085: IGBT, EcoSPARK® 3 270mJ, 360V, N-Channel Ignition

For complete documentation, see the data sheet.

N-channel ignition IGBT for automotive ignition coil driver circuits and coil on plug applications.

Features

- SCIS Energy =270mJ at $T_J = 25^\circ\text{C}$
- Logic Level Gate Drive
- Qualified to AEC Q101
- RoHS Compliant

Part Electrical Specifications

Product	Compliance	Status	$V_{ES}^{(BR)/C}$ Typ (V)	I_C Max (A)	$V_{CE(sat)}$ Typ (V)	V_f Typ (V)	E_{off} Typ (mJ)	E_{on} Typ (mJ)	T_{rr} Typ (ns)	I_r Typ (A)	Gate Charge Typ (nC)	Short Circuit Withstand (μs)	E_{AS} Typ (mJ)	P_D Max (W)	Co- Pack aged Diode	Pack age Type
FGD2736G3-F085	AEC Qualified PPAP Capable Pb-free Halide free	Active	360			-	-	-	3000	-	-	-	-	150	-	DPA K-3 / TO- 252-3

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

Created on: 1/21/2019