

  Not Actual Photo YIC International Co., Limited.	IRLR8743PBF Manufacturer Part Number: IRLR8743PBF Manufacturer/Brand: International Rectifier (Infineon Technologies) Part of Description: MOSFET N-CH 30V 160A DPAK Datasheets:  IRLR8743PBF.pdf RoHs Status:  Lead free / RoHS Stock Condition: Compliant New original, 3434 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	IRLR8743PBF
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 30V 160A DPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	3434 pcs Stock
Vgs(th) (Max) @ Id	2.35V @ 100μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D-Pak
Series	HEXFET®
Rds On (Max) @ Id, Vgs	3.1 mOhm @ 25A, 10V
Power Dissipation (Max)	135W (Tc)
Packaging	Tube
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	4880pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	59nC @ 4.5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	160A (Tc)

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