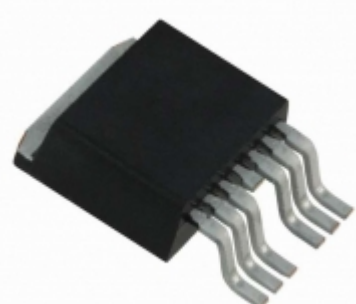


IPB180N08S402ATMA1



Part Number: [IPB180N08S402ATMA1](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: MOSFET N-CH TO263-7

Data sheet: [IPB180N08S4-02](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	IPB180N08S402ATMA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH TO263-7
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29174 pcs
Product Photo	IPB180N08S402ATMA1.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4V @ 220µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO263-7-3
Series	Automotive, AEC-Q101, OptiMOS™
Rds On (Max) @ Id, Vgs	2.2 mOhm @ 100A, 10V
Power Dissipation (Max)	277W (Tc)
Packaging	Cut Tape (CT)
Package / Case	TO-263-7, D ² Pak (6 Leads + Tab)
Other Names	IPB180N08S402ATMA1CT
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	11550pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	167nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	80V
Detailed Description	N-Channel 80V 180A (Tc) 277W (Tc) Surface Mount PG-TO263-7-3
Current - Continuous Drain (Id) @ 25°C	180A (Tc)

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