

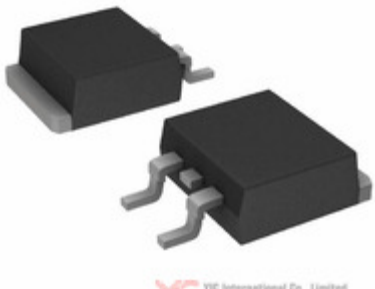








	<p>IPB038N12N3GATMA1</p>
	<p>Manufacturer Part Number: IPB038N12N3GATMA1</p> <p>Manufacturer/Brand: International Rectifier (Infineon Technologies)</p> <p>Part of Description: MOSFET N-CH 120V 120A TO263-3</p> <p>Datasheets:  IPB038N12N3GATMA1.pdf</p> <p>RoHS Status:  Lead free / RoHS</p> <p>Stock Condition: Compliant New original, Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	IPB038N12N3GATMA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 120V 120A TO263-3
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 270µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D ² PAK (TO-263AB)
Series	OptiMOS™
Rds On (Max) @ Id, Vgs	3.8 mOhm @ 100A, 10V
Power Dissipation (Max)	300W (Tc)
Packaging	Cut Tape (CT)
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Other Names	IPB038N12N3 GCT
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	13800pF @ 60V
Gate Charge (Qg) (Max) @ Vgs	211nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	120V
Detailed Description	N-Channel 120V 120A (Tc) 300W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	120A (Tc)

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 <p>IPB038N08N3G INF IPB038N08N3G INF</p>	 <p>IPB039N04LGATMA1 Infineon Technologies MOSFET N-CH 40V 80A TO263-3</p>	 <p>IPB038N12N3 G Infineon Technologies IPB038N12N3 G Infineon Technologies</p>	 <p>IPB037N06N3G I IPB037N06N3G I</p>

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