








	<b>IPU80R1K2P7AKMA1</b>
	<b>Manufacturer Part Number:</b> IPU80R1K2P7AKMA1
	<b>Manufacturer/Brand:</b> International Rectifier (Infineon Technologies)
	<b>Part of Description:</b> MOSFET N-CH 800V 4.5A TO251-3
<b>Datasheets:</b>	 <a href="#">IPU80R1K2P7AKMA1.pdf</a>
<b>RoHS Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	IPU80R1K2P7AKMA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 800V 4.5A TO251-3
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	3.5V @ 80µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO251-3
Series	CoolMOS™ P7
Rds On (Max) @ Id, Vgs	1.2 Ohm @ 1.7A, 10V
Power Dissipation (Max)	37W (Tc)
Packaging	Tube
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Other Names	SP001644614
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	300pF @ 500V
Gate Charge (Qg) (Max) @ Vgs	11nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Detailed Description	N-Channel 800V 4.5A (Tc) 37W (Tc) Through Hole PG-
Current - Continuous Drain (Id) @ 25°C	4.5A (Tc)

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