

IPW80R360P7XKSA1



Part Number: [IPW80R360P7XKSA1](#)

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

Description: MOSFET N-CH 800V 13A TO247-3

Data sheet: [IPW80R360P7](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER

Part Number	IPW80R360P7XKSA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 800V 13A TO247-3
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60935 pcs
Product Photo	IPW80R360P7XKSA1.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	3.5V @ 280µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO247-3
Series	CoolMOS™ P7
Rds On (Max) @ Id, Vgs	360 mOhm @ 5.6A, 10V
Power Dissipation (Max)	84W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	SP001633520
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	930pF @ 500V
Gate Charge (Qg) (Max) @ Vgs	30nC @ 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 13A (Tc) 84W (Tc) Through Hole PG-TO247-3
Current - Continuous Drain (Id) @ 25°C	13A (Tc)

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