

IPW60R160P6FKSA1



INITIAL STATE

Part Number: [IPW60R160P6FKSA1](#)

Manufacturer: [Infineon Technologies](#)

Description: MOSFET N-CH 600V TO247-3

Data sheet: [IPx60R160P6](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER

Part Number	IPW60R160P6FKSA1
Manufacturer	Infineon Technologies
Description	MOSFET N-CH 600V TO247-3
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	52584 pcs
Product Photo	IPW60R160P6FKSA1.jpg
Category	Discrete Semiconductor Products
Voltage - Test	2080pF @ 100V
Voltage - Breakdown	PG-TO247-3
Vgs(th) (Max) @ Id	160 mOhm @ 9A, 10V
Vgs (Max)	10V
Technology	MOSFET (Metal Oxide)
Series	CoolMOS™ P6
RoHS Status	Tube
Rds On (Max) @ Id, Vgs	23.8A (Tc)
Polarization	TO-247-3
Other Names	SP001017092
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Part Number	IPW60R160P6FKSA1
Input Capacitance (Ciss) (Max) @ Vds	44nC @ 10V
IGBT Type	±20V
Gate Charge (Qg) (Max) @ Vgs	4.5V @ 750µA
FET Feature	N-Channel
Expanded Description	N-Channel 600V 23.8A (Tc) 176W (Tc) Through Hole PG-TO247-3
Drain to Source Voltage (Vdss)	-
Description	MOSFET N-CH 600V TO247-3
Current - Continuous Drain (Id) @ 25°C	600V
Capacitance Ratio	176W (Tc)

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