

SPA07N60C3XKSA1



Part Number: [SPA07N60C3XKSA1](#)
Manufacturer: [International Rectifier \(Infineon Technologies\)](#)
Description: MOSFET N-CH 650V 7.3A TO-220
Data sheet: [PDF SPP/SPI/SPA07N60C3](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
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PRODUCT PARAMETER

Part Number	SPA07N60C3XKSA1
Manufacturer	International Rectifier (Infineon Technologies)
Description	MOSFET N-CH 650V 7.3A TO-220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	86472 pcs
Product Photo	SPA07N60C3XKSA1-001.jpg , SPA07N60C3XKSA1-002.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	3.9V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO220-FP
Series	CoolMOS™
Rds On (Max) @ Id, Vgs	600 mOhm @ 4.6A, 10V
Power Dissipation (Max)	32W (Tc)
Packaging	Tube
Package / Case	TO-220-3 Full Pack
Other Names	SP000216303 SPA07N60C3 SPA07N60C3IN SPA07N60C3IN-ND SPA07N60C3XK
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	790pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	27nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	650V
Detailed Description	N-Channel 650V 7.3A (Tc) 32W (Tc) Through Hole PG-TO220-FP
Current - Continuous Drain (Id) @ 25°C	7.3A (Tc)

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