










	Manufacturer Part Number: PSMN6R3-120ESQ
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 120V 70A I2PAK
	Datasheets:  PSMN6R3-120ESQ.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	PSMN6R3-120ESQ
Manufacturer	Nexperia
Description	MOSFET N-CH 120V 70A I2PAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	I2PAK
Series	-
Rds On (Max) @ Id, Vgs	6.7 mOhm @ 25A, 10V
Power Dissipation (Max)	405W (Tc)
Packaging	Tube
Package / Case	TO-262-3 Long Leads, I ² Pak, TO-262AA
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	11384pF @ 60V
Gate Charge (Qg) (Max) @ Vgs	207.1nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	120V
Current - Continuous Drain (Id) @ 25°C	70A (Tc)

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PSMN6R3-120ESQ Price	PSMN6R3-120ESQ Manufacturer	PSMN6R3-120ESQ Picture	PSMN6R3-120ESQ Stock	PSMN6R3-120ESQ Inventory
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