









	PMPB55XNEAX
	Manufacturer Part Number: PMPB55XNEAX Manufacturer/Brand: Nexperia Part of Description: MOSFET N-CH 30V 3.8A 6DFN2020MD RoHs Status:  Lead free / RoHS Stock Condition:  New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	PMPB55XNEAX
Manufacturer	Nexperia
Description	MOSFET N-CH 30V 3.8A 6DFN2020MD
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	1.25V @ 250µA
Vgs (Max)	±12V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	6-DFN2020MD (2x2)
Series	Automotive, AEC-Q101
Rds On (Max) @ Id, Vgs	72 mOhm @ 3.8A, 4.5V
Power Dissipation (Max)	550mW (Ta)
Package / Case	6-UDFN Exposed Pad
Other Names	934070283115
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	255pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	5nC @ 4.5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Drain to Source Voltage (Vdss)	30V
Detailed Description	N-Channel 30V 3.8A (Ta) 550mW (Ta) Surface Mount 6-
Current - Continuous Drain (Id) @ 25°C	3.8A (Ta)

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