


	Manufacturer Part Number: BUK7M12-40EX
	Manufacturer/Brand: Nexperia
	Part of Description: MOSFET N-CH 40V MLFPAK
	Datasheets:  BUK7M12-40EX.pdf
RoHS Status:  Lead free / RoHS	Stock Condition: Compliant New original, Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	









Specifications

Part Number	BUK7M12-40EX
Manufacturer	Nexperia
Description	MOSFET N-CH 40V MLFPAK
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 1mA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	LFPAK33
Series	Automotive, AEC-Q101
Rds On (Max) @ Id, Vgs	12 mOhm @ 15A, 10V
Power Dissipation (Max)	55W (Tc)
Packaging	Original-Reel®
Package / Case	SOT-1210, 8-LFPAK33 (5-Lead)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	979pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	15.8nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	48A (Tc)

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