


	APT1001R1BN
	Manufacturer Part Number: APT1001R1BN
 <p>Not Actual Photo YIC International Co., Limited.</p>	Manufacturer/Brand: Microsemi
	Part of Description: MOSFET N-CH 1KV 10.5A TO247AD
Datasheets:  APT1001R1BN.pdf	RoHs Status:  Lead free / RoHS
Stock Condition: Compliant New original, 601 pcs 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	APT1001R1BN
Manufacturer	Microsemi
Description	MOSFET N-CH 1KV 10.5A TO247AD
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	601 pcs Stock
Vgs(th) (Max) @ Id	4V @ 1mA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247AD
Series	POWER MOS IV®
Rds On (Max) @ Id, Vgs	1.1 Ohm @ 5.25A, 10V
Power Dissipation (Max)	310W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2950pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	130nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	10.5A (Tc)

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Contact us: Info@YIC-Electronics.com

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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