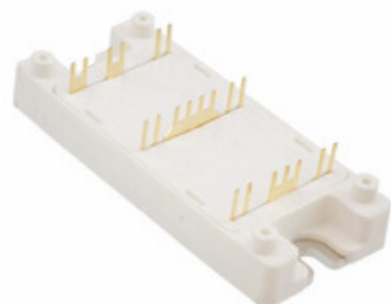


APTM100H45SCTG



Part Number: [APTM100H45SCTG](#)
Manufacturer: [Microsemi](#)
Description: MOSFET 4N-CH 1000V 18A SP4
Data sheet: [PDF Power Products Catalog](#)
[PDF APTM100H45SCTG](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	APTM100H45SCTG
Manufacturer	Microsemi
Description	MOSFET 4N-CH 1000V 18A SP4
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	655 pcs
Product Photo	APTM100H45SCTG.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	5V @ 2.5mA
Supplier Device Package	SP4
Series	POWER MOS 7®
Rds On (Max) @ Id, Vgs	540 mOhm @ 9A, 10V
Power - Max	357W
Packaging	Bulk
Package / Case	SP4
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	4350pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	154nC @ 10V
FET Type	4 N-Channel (H-Bridge)
FET Feature	Standard
Drain to Source Voltage (Vdss)	1000V (1kV)
Detailed Description	Mosfet Array 4 N-Channel (H-Bridge) 1000V (1kV) 18A 357W Chassis Mount SP4
Current - Continuous Drain (Id) @ 25°C	18A

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