










	Manufacturer Part Number: APTM50AM38SCTG
	Manufacturer/Brand: Microsemi
 Not Actual Photo YIC International Co., Limited.	Part of Description: MOSFET 2N-CH 500V 90A SP4
	Datasheets:  APTM50AM38SCTG.pdf
RoHs Status:  Lead free / RoHS	Stock Condition: Compliant New original, 2648 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	APTM50AM38SCTG
Manufacturer	Microsemi
Description	MOSFET 2N-CH 500V 90A SP4
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2648 pcs Stock
Vgs(th) (Max) @ Id	5V @ 5mA
Supplier Device Package	SP4
Series	-
Rds On (Max) @ Id, Vgs	45 mOhm @ 45A, 10V
Power - Max	694W
Packaging	Bulk
Package / Case	SP4
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Input Capacitance (Ciss) (Max) @ Vds	11200pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	246nC @ 10V
FET Type	2 N-Channel (Half Bridge)
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	90A

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