









Specifications	
Part Number	APTM100AM90FG
Manufacturer	Microsemi
Description	MOSFET 2N-CH 1000V 78A SP6
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2570 pcs Stock
Vgs(th) (Max) @ Id	5V @ 10mA
Supplier Device Package	SP6
Series	-
Rds On (Max) @ Id, Vgs	105 mOhm @ 39A, 10V
Power - Max	1250W
Packaging	Bulk
Package / Case	SP6
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Input Capacitance (Ciss) (Max) @ Vds	20700pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	744nC @ 10V
FET Type	2 N-Channel (Half Bridge)
FET Feature	Standard
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	78A

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