












	APTMC170AM30CT1AG
	Manufacturer Part Number: APTMC170AM30CT1AG
 Not Actual Photo YIC International Co., Limited.	Manufacturer/Brand: Microsemi
	Part of Description: MOSFET 2N-CH 1700V 106A SP1
	Datasheets:  APTMC170AM30CT1AG.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
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Specifications

Part Number	APTMC170AM30CT1AG
Manufacturer	Microsemi
Description	MOSFET 2N-CH 1700V 106A SP1
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.3V @ 5mA (Typ)
Supplier Device Package	SP1
Series	-
Rds On (Max) @ Id, Vgs	30 mOhm @ 100A, 20V
Power - Max	700W
Packaging	Bulk
Package / Case	SP1
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Input Capacitance (Ciss) (Max) @ Vds	6160pF @ 1000V
Gate Charge (Qg) (Max) @ Vgs	380nC @ 20V
FET Type	2 N Channel (Phase Leg)
FET Feature	Standard
Drain to Source Voltage (Vdss)	1700V (1.7kV)
Current - Continuous Drain (Id) @ 25°C	106A

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