










	Manufacturer Part Number: APTSM120AM25CT3AG
	Manufacturer/Brand: Microsemi
	Part of Description: POWER MODULE - SIC
	Datasheets:  APTSM120AM25CT3AG.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 2682 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	APTSM120AM25CT3AG
Manufacturer	Microsemi
Description	POWER MODULE - SIC
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	2682 pcs Stock
Vgs(th) (Max) @ Id	3V @ 4mA
Supplier Device Package	SP3
Series	-
Rds On (Max) @ Id, Vgs	25 mOhm @ 80A, 20V
Power - Max	937W
Packaging	Bulk
Package / Case	SP3
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Chassis Mount
Input Capacitance (Ciss) (Max) @ Vds	10200pF @ 1000V
Gate Charge (Qg) (Max) @ Vgs	544nC @ 20V
FET Type	2 N-Channel (Dual), Schottky
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (Vdss)	1200V (1.2kV)
Current - Continuous Drain (Id) @ 25°C	148A (Tc)

You May Be Also Be interested

In:

 APTSM120AM08CT6AG Microsemi Corporation POWER MODULE - SIC	 APTSM120AM55CT1AG Microsemi Corporation POWER MODULE - SIC	 APTSM120AM09CD3AG Microsemi Corporation POWER MODULE - SIC	 APTS050A0X3-SRPHDZ GE Critical Power DC DC CONVERTER 0.7-2V 100W
 APTS050A0X43-SRPHDZ GE Critical Power DC DC CONVERTER 0.7-2V	 APTSM120TAM33CTPAG Microsemi Corporation POWER MODULE - SIC	 APTS050A0X43-SRPHZ GE Critical Power DC DC CONVERTER 0.7-2V 100W	 APTSM120AM14CD3AG Microsemi Corporation POWER MODULE - SIC

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