



APT40SM120J

Manufacturer Part Number:	APT40SM120J
Manufacturer/Brand:	Microsemi
Part of Description:	MOSFET N-CH 1200V 32A SOT227
Datasheets:	APT40SM120J.pdf
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 4222 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Image may be representation.
See specs for product details.

Specifications

Part Number	APT40SM120J
Manufacturer	Microsemi
Description	MOSFET N-CH 1200V 32A SOT227
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	4222 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SOT-227-4, miniBLOC
Supplier Device Package	SOT-227
Power Dissipation (Max)	165W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	1200V (1.2kV)
Current - Continuous Drain (Id) @ 25°C	32A
Rds On (Max) @ Id, Vgs	100 mOhm @ 20A, 20V
Vgs(th) (Max) @ Id	3V @ 1mA (Typ)
Gate Charge (Qg) (Max) @ Vgs	130nC @ 20V
Input Capacitance (Ciss) (Max) @ Vds	2560pF @ 1000V
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs (Max)	+25V, -10V
Packaging	Bulk

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MOSFET N-CH 600V 40A SOT-227

APT41M80L
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MOSFET N-CH 800V 43A TO-264

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APT40N60B2CF APT

APT40N60JCU3
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MOSFET N-CH 600V 40A SOT-227

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| APT40DQ120BG | APT40DQ60BCTG | APT40DQ60BG | APT40GF120JRD | APT40GP60J |
| APT40GP60LDF3 | APT40GT60BR | APT40M35JVFR | APT40M35JVR | APT40M42JN |
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| APT44H60J | APT45GR65B2DU30 | APT45GR65S | APT45M100J | APT45M75JN |
| APT47F60J | APT47GA90JD40 | APT47M60J | APT47N60BC3 | APT47N60C3 |
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