



## APT41F100J

<b>Manufacturer Part Number:</b>	APT41F100J
<b>Manufacturer/Brand:</b>	Microsemi
<b>Part of Description:</b>	MOSFET N-CH 1000V 41A SOT-227
<b>Datasheets:</b>	<a href="#">1.APT41F100J.pdf</a> <a href="#">2.APT41F100J.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS Compliant
<b>Stock Condition:</b>	New original, 1500 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	APT41F100J
Manufacturer	Microsemi
Description	MOSFET N-CH 1000V 41A SOT-227
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	1500 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SOT-227-4, miniBLOC
Supplier Device Package	ISOTOP®
Power Dissipation (Max)	960W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	41A
Rds On (Max) @ Id, Vgs	210 mOhm @ 33A, 10V
Vgs(th) (Max) @ Id	5V @ 5mA
Gate Charge (Qg) (Max) @ Vgs	570nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	18500pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Tube

APT41F100J is New Original in Stock, Search APT41F100J Datasheets, PDF, Inventory at Y-IC.com Online, Order APT41F100J Microsemi with warrantied and confidence. RFQ APT41F100J : Info@Y-IC.com

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 <b>APT40SM120B</b> Microsemi MOSFET N-CH 1200V 41A TO247	 <b>APT41M80L</b> Microsemi MOSFET N-CH 800V 43A TO-264	 <b>APT40SM120S</b> Microsemi MOSFET N-CH 1200V 41A D3PAK	 <b>APT42F50S</b> Microsemi MOSFET N-CH 500V 42A D3PAK

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⊗ APT40DQ60BG	⊣ APT40GF120JRD	⊗ APT40GP60J	↔ APT40GP60LDF3	⇒ APT40GT60BR
D APT40M35JVFR	⊗ APT40M35JVR	⊣ APT40M42JN	⊗ APT40M70JVR	⇒ APT40M75JN
⇒ APT40M75JVR	↔ APT40N60JCU2	⊗ APT40N60JCU3	⊣ APT40SM120J	⇒ APT40SM120S
↔ APT41M80B2	⇒ APT44F80L	D APT44GA60B	⊗ APT44H60J	⊣ APT45GR65B2DU30
⊗ APT45GR65S	D APT45M100J	⇒ APT45M75JN	↔ APT47F60J	⇒ APT47GA90JD40
⊣ APT47M60J	⊗ APT47N60BC3	↔ APT47N60C3	⇒ APT48M60JN	⇒ APT4F120K
⊗ APT4M120K	⊣ APT5010B2	⊗ APT5010B2FLL	D APT5010B2LC	⇒ APT5010B2LL
↔ APT5010B2VFR	⊗ APT5010B2VR	⊣ APT5010JFLL	⊗ APT5010JLC	⇒ APT5010JLCX

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