

	<h2 style="color: #E67E22;">APT5010JVRU2</h2>	
	Manufacturer Part Number:	APT5010JVRU2
	Manufacturer/Brand:	Microsemi
	Part of Description:	MOSFET N-CH 500V 44A SOT227
Image may be representation. See specs for product details.	Datasheets:	1.APT5010JVRU2.pdf 2.APT5010JVRU2.pdf
	RoHs Status:	 Lead free / RoHS Compliant
	Stock Condition:	New original, 1500 pcs Stock Available.
	Ship From:	Hong Kong
	Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	APT5010JVRU2
Manufacturer	Microsemi
Description	MOSFET N-CH 500V 44A SOT227
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	SOT-227
Power Dissipation (Max)	450W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	44A
Rds On (Max) @ Id, Vgs	100 mOhm @ 22A, 10V
Vgs(th) (Max) @ Id	4V @ 2.5mA
Gate Charge (Qg) (Max) @ Vgs	312nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7410pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±30V
Packaging	Bulk

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 <p>APT5010LFLL APT IGBT Modules</p>	 <p>APT5010JVR APT IGBT Modules</p>	 <p>APT5010LFLLG Microsemi MOSFET N-CH 500V 46A TO-264</p>	 <p>APT5010JVFR APT IGBT Modules</p>

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| ⊣ APT47N60C3 | ⊗ APT48M60JN | D APT4F120K | ⇒ APT4M120K | ⇒ APT5010B2 |
| ⊗ APT5010B2FLL | ⊣ APT5010B2LC | ⊗ APT5010B2LL | ↔ APT5010B2VFR | ⇒ APT5010B2VR |
| D APT5010JFLL | ⊗ APT5010JLC | ⊣ APT5010JLCX | ⊗ APT5010JLL | ⇒ APT5010JLLU2 |
| ⇒ APT5010JLLU3 | ↔ APT5010JN | ⊗ APT5010JNX | ⊣ APT5010JVFR | ⇒ APT5010JVR |
| ↔ APT5010JVRU3 | ⇒ APT5010JVRX | D APT5010LFLL | ⊗ APT5010LCC | ⊣ APT5010LLL |
| ⊗ APT5010LVFR | D APT5010LVR | ⇒ APT5011JNF | ↔ APT5012JLL | ⇒ APT5012JN |
| ⊣ APT5012JNU2 | ⊗ APT5012JVFR | ↔ APT5012JVR | ⇒ APT5012LNR | ⇒ APT5013JNF |
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