



### **AUIRFS3006-7P Information**

Heisener.com

Part Number AUIRFS3006-7P
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 60V 293A D2PAK-7P

Package TO-263-7, D2Pak (6 Leads + Tab)

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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# **AUIRFS3006-7P Specifications**

Manufacturer Part NumberAUIRFS3006-7PManufacturerInfineon TechnologiesCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageTO-263-7, D2Pak (6 Leads + Tab)SeriesHEXFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C240A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250µAGate Charge (Qg) (Max) @ Vgs300nC @ 10VInput Capacitance (Ciss) (Max) @ Vds8850pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)375W (Tc)Rds On (Max) @ Id, Vgs2.1 mOhm @ 168A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageD2PAKPackage / CaseTO-263-7, D2Pak (6 Leads + Tab)Report errors?		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-263-7, D2Pak (6 Leads + Tab)           Series         HEXFET?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         240A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         300nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         8850pF @ 50V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         375W (Tc)           Rds On (Max) @ Id, Vgs         2.1 mOhm @ 168A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         D2PAK           Package / Case         TO-263-7, D2Pak (6 Leads + Tab)	Manufacturer Part Number	AUIRFS3006-7P
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	Supplier Device Package	D2PAK
Report errors?	Package / Case	TO-263-7, D2Pak (6 Leads + Tab)
		Report errors?

#### **AUIRFS3006-7P Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **AUIRFS3006-7P Payment Methods**



















## **AUIRFS3006-7P Shipping Methods**













If you have any question about AUIRFS3006-7P, please do not hesitate to contact us!

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