

### **IRL3102S Information**



For Reference Only

Part Number IRL3102S

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 20V 61A D2PAK

**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

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



Request a Quote

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **IRL3102S Specifications**

Manufacturer Part Number	IRL3102S	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
Series	HEXFET?	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	20V	
Current - Continuous Drain (Id) @ 25°C	61A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 7V	
Vgs(th) (Max) @ Id	700mV @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	58nC @ 4.5V	
Input Capacitance (Ciss) (Max) @ Vds	2500pF @ 15V	
Vgs (Max)	±10V	
FET Feature	-	
Power Dissipation (Max)	89W (Tc)	
Rds On (Max) @ Id, Vgs	13 mOhm @ 37A, 7V	
Operating Temperature	-55°C ~ 150°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	D2PAK	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
		Report errors?

### **IRL3102S 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.

## **IRL3102S Payment Methods**





















## **IRL3102S Shipping Methods**













If you have any question about IRL3102S, please do not hesitate to contact us!

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