

# IRF8010STRLPBF

### **IRF8010STRLPBF Information**



For Reference Only

Part Number IRF8010STRLPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 100V 80A D2PAK

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

For the pricing/inventory/lead time, please contact

us

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.









## **IRF8010STRLPBF Specifications**

Manufacturer Part Number	IRF8010STRLPBF	
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)	100V	
Current - Continuous Drain (Id) @ 25°C	80A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	10V	
Vgs(th) (Max) @ Id	4V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs	120nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	3830pF @ 25V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	260W (Tc)	
Rds On (Max) @ Id, Vgs	15 mOhm @ 45A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	D2PAK	
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	
	Report er	rors?

### **IRF8010STRLPBF 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.

## **IRF8010STRLPBF Payment Methods**





















## **IRF8010STRLPBF Shipping Methods**













If you have any question about IRF8010STRLPBF, please do not hesitate to contact us!

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