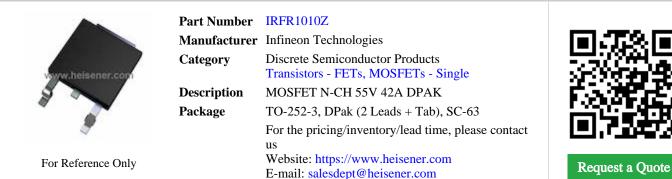


## **IRFR1010Z**

### **IRFR1010Z Information**





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.



## **IRFR1010Z Specifications**

Manufacturer Part Number	IRFR1010Z
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	42A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	95nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2840pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	140W (Tc)
Rds On (Max) @ Id, Vgs	7.5 mOhm @ 42A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D-Pak
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors

### **IRFR1010Z** 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## **IRFR1010Z Payment Methods**



## **IRFR1010Z Shipping Methods**



If you have any question about IRFR1010Z, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com