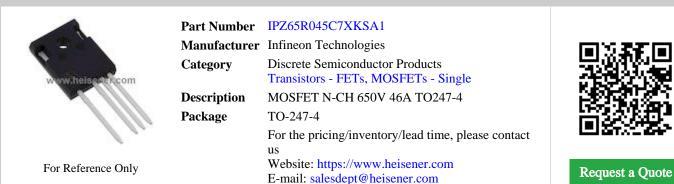


# IPZ65R045C7XKSA1

### IPZ65R045C7XKSA1 Information



# **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.



# IPZ65R045C7XKSA1 Specifications

Manufacturer Part Number	IPZ65R045C7XKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-247-4
Series	CoolMOS? C7
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	46A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 1.25mA
Gate Charge (Qg) (Max) @ Vgs	93nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4340pF @ 400V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	227W (Tc)
Rds On (Max) @ Id, Vgs	45 mOhm @ 24.9A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO247
Package / Case	TO-247-4
	Report errors?

## IPZ65R045C7XKSA1 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.

### IPZ65R045C7XKSA1 Payment Methods



If you have any question about IPZ65R045C7XKSA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com