

Heisener.com

# IPL65R1K0C6SATMA1

### IPL65R1K0C6SATMA1 Information

**Part Number** IPL65R1K0C6SATMA1 **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 8TSON

Package 8-PowerVDFN

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









### IPL65R1K0C6SATMA1 Specifications

Manufacturer Part Number	IPL65R1K0C6SATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	CoolMOS? C6
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	4.2A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 150μA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	328pF @ 100V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	34.7W (Tc)
Rds On (Max) @ Id, Vgs	1 Ohm @ 1.5A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Thin-PAK (5x6)
Package / Case	8-PowerVDFN
	Report errors?

### IPL65R1K0C6SATMA1 Guarantees



#### **Ouality 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.

### IPL65R1K0C6SATMA1 Payment Methods



















## IPL65R1K0C6SATMA1 Shipping Methods













If you have any question about IPL65R1K0C6SATMA1, please do not hesitate to contact us!

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