## IPP50R140CPHKSA1 Information



For Reference Only

Part Number IPP50R140CPHKSA1
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 550V 23A TO-220
Package TO-220-3
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.


## IPP50R140CPHKSA1 Specifications

| Manufacturer Part Number | IPP50R140CPHKSA1 |  |
| :---: | :---: | :---: |
| Manufacturer | Infineon Technologies |  |
| Category | Discrete Semiconductor Products |  |
|  | Transistors - FETs, MOSFETs - Single |  |
| Package | TO-220-3 |  |
| Series | CoolMOS? |  |
| FET Type | N-Channel |  |
| Technology | MOSFET (Metal Oxide) |  |
| Drain to Source Voltage (Vdss) | 550 V |  |
| Current - Continuous Drain (Id) @ $25^{\circ} \mathrm{C}$ | 23A (Tc) |  |
| Drive Voltage (Max Rds On, Min Rds On) | 10 V |  |
| Vgs(th) (Max) @ Id | $3.5 \mathrm{~V} @ 930 \mu \mathrm{~A}$ |  |
| Gate Charge (Qg) (Max) @ Vgs | 64nC @ 10V |  |
| Input Capacitance (Ciss) (Max) @ Vds | 2540pF @ 100V |  |
| Vgs (Max) | $\pm 20 \mathrm{~V}$ |  |
| FET Feature | - |  |
| Power Dissipation (Max) | 192W (Tc) |  |
| Rds On (Max) @ Id, Vgs | 140 mOhm @ 14A, 10V |  |
| Operating Temperature | $-55^{\circ} \mathrm{C} \sim 150^{\circ} \mathrm{C}$ (TJ) |  |
| Mounting Type | Through Hole |  |
| Supplier Device Package | PG-TO220-3-1 |  |
| Package / Case | TO-220-3 |  |
|  |  | Report errors? |

## IPP50R140CPHKSA1 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.

## IPP50R140CPHKSA1 Payment Methods



## IPP50R140CPHKSA1 Shipping Methods

If you have any question about IPP50R140CPHKSA1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

