

## IPD040N03LGATMA1

### IPD040N03LGATMA1 Information



For Reference Only

Part Number IPD040N03LGATMA1
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 90A TO252-3 **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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## IPD040N03LGATMA1 Specifications

Manufacturer Part Number         IPD040N03LGATMA1           Manufacturer         Infineon Technologies           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-252-3, DPak (2 Leads + Tab), SC-63           Series         OptiMOS?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         90A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         38nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         3900pF @ 15V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         79W (Tc)           Rds On (Max) @ Id, Vgs         4 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         PG-T0252-3           Package / Case         TO-252-3, DPak (2 Leads + Tab), SC-63           Report errors?		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-252-3, DPak (2 Leads + Tab), SC-63           Series         OptiMOS?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         90A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         38nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         3900pF @ 15V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         79W (Tc)           Rds On (Max) @ Id, Vgs         4 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         PG-TO252-3           Package / Case         TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	IPD040N03LGATMA1
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Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

#### IPD040N03LGATMA1 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.

### IPD040N03LGATMA1 Payment Methods



















## IPD040N03LGATMA1 Shipping Methods













If you have any question about IPD040N03LGATMA1, please do not hesitate to contact us!

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