

# IPN60R2K1CEATMA1

### IPN60R2K1CEATMA1 Information



For Reference Only

Part Number IPN60R2K1CEATMA1

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET NCH 600V 3.7A SOT223

Package SOT-223-3

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.









## IPN60R2K1CEATMA1 Specifications

| Manufacturer Part Number               | IPN60R2K1CEATMA1                     |
|--|--------------------------------------|
| Manufacturer                           | Infineon Technologies                |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | SOT-223-3                            |
| Series                                 | CoolMOS?                             |
| FET Type                               | N-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 600V                                 |
| Current - Continuous Drain (Id) @ 25°C | 3.7A (Tc)                            |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                  |
| Vgs(th) (Max) @ Id                     | 3.5V @ 60μA                          |
| Gate Charge (Qg) (Max) @ Vgs           | 6.7nC @ 10V                          |
| Input Capacitance (Ciss) (Max) @ Vds   | 140pF @ 100V                         |
| Vgs (Max)                              | ±20V                                 |
| FET Feature                            | Super Junction                       |
| Power Dissipation (Max)                | 5W (Tc)                              |
| Rds On (Max) @ Id, Vgs                 | 2.1 Ohm @ 800mA, 10V                 |
| Operating Temperature                  | -40°C ~ 150°C (TJ)                   |
| Mounting Type                          | Surface Mount                        |
| Supplier Device Package                | PG-SOT223                            |
| Package / Case                         | SOT-223-3                            |
|  | Report errors?                       |

#### IPN60R2K1CEATMA1 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.

### IPN60R2K1CEATMA1 Payment Methods



















## IPN60R2K1CEATMA1 Shipping Methods













If you have any question about IPN60R2K1CEATMA1, please do not hesitate to contact us!

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