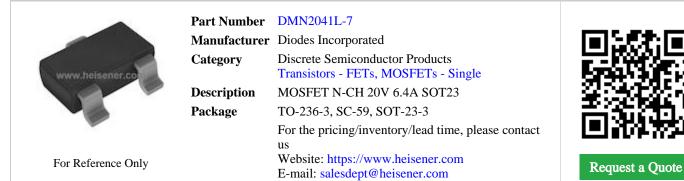


# DMN2041L-7

## **DMN2041L-7 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.



# **DMN2041L-7** Specifications

| Manufacturer Part Number               | DMN2041L-7                           |
|--|--------------------------------------|
| Manufacturer                           | Diodes Incorporated                  |
| Category                               | Discrete Semiconductor Products      |
|  | Transistors - FETs, MOSFETs - Single |
| Package                                | TO-236-3, SC-59, SOT-23-3            |
| Series                                 | -                                    |
| FET Type                               | N-Channel                            |
| Technology                             | MOSFET (Metal Oxide)                 |
| Drain to Source Voltage (Vdss)         | 20V                                  |
| Current - Continuous Drain (Id) @ 25°C | 6.4A (Ta)                            |
| Drive Voltage (Max Rds On, Min Rds On) | 2.5V, 4.5V                           |
| Vgs(th) (Max) @ Id                     | 1.2V @ 250µA                         |
| Gate Charge (Qg) (Max) @ Vgs           | 15.6nC @ 10V                         |
| Input Capacitance (Ciss) (Max) @ Vds   | 550pF @ 10V                          |
| Vgs (Max)                              | ±12V                                 |
| FET Feature                            | -                                    |
| Power Dissipation (Max)                | 780mW (Ta)                           |
| Rds On (Max) @ Id, Vgs                 | 28 mOhm @ 6A, 4.5V                   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                   |
| Mounting Type                          | Surface Mount                        |
| Supplier Device Package                | SOT-23-3                             |
| Package / Case                         | TO-236-3, SC-59, SOT-23-3            |
|  | Report errors?                       |

#### **DMN2041L-7** 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 GUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## **DMN2041L-7 Payment Methods**



# **DMN2041L-7 Shipping Methods**



If you have any question about DMN2041L-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com