

DMP2170U-7 Information


For Reference Only

Part Number [DMP2170U-7](#)
Manufacturer Diodes Incorporated
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET PCH 20V 3.1A SOT23
Package TO-236-3, SC-59, SOT-23-3
 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.


DMP2170U-7 Specifications

| | |
|--|---|
| Manufacturer Part Number | DMP2170U-7 |
| Manufacturer | Diodes Incorporated |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-236-3, SC-59, SOT-23-3 |
| Series | Automotive, AEC-Q101 |
| FET Type | P-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 20V |
| Current - Continuous Drain (Id) @ 25°C | 3.1A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 2.5V, 4.5V |
| Vgs(th) (Max) @ Id | 1.25V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 7.8nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 303pF @ 10V |
| Vgs (Max) | ±12V |
| FET Feature | - |
| Power Dissipation (Max) | 780mW (Ta) |
| Rds On (Max) @ Id, Vgs | 90 mOhm @ 3.5A, 4.5V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | SOT-23 |
| Package / Case | TO-236-3, SC-59, SOT-23-3 |

[Report errors?](#)

DMP2170U-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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

DMP2170U-7 Payment Methods



DMP2170U-7 Shipping Methods



If you have any question about DMP2170U-7, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com