

**DMC1030UFDB-13 Information**


For Reference Only

**Part Number** [DMC1030UFDB-13](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET BV DSS: 8V 24V U-DFN2020-6  
**Package** 6-UDFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**DMC1030UFDB-13 Specifications**

Manufacturer Part Number	<a href="#">DMC1030UFDB-13</a>
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	6-UDFN Exposed Pad
Series	Automotive, AEC-Q101
FET Type	N and P-Channel Complementary
FET Feature	Standard
Drain to Source Voltage (V <sub>dss</sub> )	12V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	5.1A (T <sub>a</sub> ), 3.9A (T <sub>a</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	34 mOhm @ 4.6A, 4.5V, 59 mOhm @ 3.6A, 4.5V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	1V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	12.2nC @ 4.5V, 13nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1003pF @ 6V, 1028pF @ 6V
Power - Max	1.36W (T <sub>a</sub> )
Operating Temperature	-55°C ~ 150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Package / Case	6-UDFN Exposed Pad
Supplier Device Package	U-DFN2020-6 (Type B)

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## DMC1030UFDB-13 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.

## DMC1030UFDB-13 Payment Methods



## DMC1030UFDB-13 Shipping Methods



If you have any question about DMC1030UFDB-13, please do not hesitate to contact us!

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