

**CSD13302W Information**


For Reference Only

**Part Number** CSD13302W  
**Manufacturer** Texas Instruments  
**Category** Discrete Semiconductor Products  
**Transistors - FETs, MOSFETs - Single**  
**Description** MOSFET N-CH 12V 1.6A  
**Package** 4-UFBGA, DSBGA  
 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.


**CSD13302W Specifications**

Manufacturer Part Number	CSD13302W
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products <b>Transistors - FETs, MOSFETs - Single</b>
Package	4-UFBGA, DSBGA
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>ds</sub> )	12V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	1.6A (T <sub>a</sub> )
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	2.5V, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1.3V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	7.8nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	862pF @ 6V
V <sub>gs</sub> (Max)	±10V
FET Feature	-
Power Dissipation (Max)	1.8W (T <sub>a</sub> )
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	17.1 mOhm @ 1A, 4.5V
Operating Temperature	-55°C ~ 150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	4-DSBGA
Package / Case	4-UFBGA, DSBGA

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## CSD13302W 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.

## CSD13302W Payment Methods



## CSD13302W Shipping Methods



If you have any question about CSD13302W, please do not hesitate to contact us!

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