

CSD13306W Information


For Reference Only

Part Number [CSD13306W](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 12V 3.5A
Package 6-UFBGA, DSBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


CSD13306W Specifications

Manufacturer Part Number	CSD13306W
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-UFBGA, DSBGA
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	12V
Current - Continuous Drain (I _d) @ 25°C	3.5A (T _a)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	2.5V, 4.5V
V _{gs} (th) (Max) @ I _d	1.3V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	11.2nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	1370pF @ 6V
V _{gs} (Max)	±10V
FET Feature	-
Power Dissipation (Max)	1.9W (T _a)
R _{ds} On (Max) @ I _d , V _{gs}	10.2 mOhm @ 1.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	6-DSBGA (1x1.5)
Package / Case	6-UFBGA, DSBGA

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CSD13306W 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.

CSD13306W Payment Methods



CSD13306W Shipping Methods



If you have any question about CSD13306W, please do not hesitate to contact us!

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