

**CSD13381F4T Information**


For Reference Only

**Part Number** [CSD13381F4T](#)  
**Manufacturer** Texas Instruments  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 12V 2.1A 3PICOSTAR  
**Package** 3-XFDFN  
 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.


**CSD13381F4T Specifications**

Manufacturer Part Number	<a href="#">CSD13381F4T</a>
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	3-XFDFN
Series	FemtoFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	12V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	2.1A (Ta)
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	1.8V, 4.5V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	1.1V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	1.4nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	200pF @ 6V
V <sub>gs</sub> (Max)	8V
FET Feature	-
Power Dissipation (Max)	500mW (Ta)
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	180 mOhm @ 500mA, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	3-PICOSTAR
Package / Case	3-XFDFN

[Report errors?](#)

## CSD13381F4T 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.

## CSD13381F4T Payment Methods



## CSD13381F4T Shipping Methods



If you have any question about CSD13381F4T, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)