

CSD17381F4 Information


For Reference Only

Part Number [CSD17381F4](#)
Manufacturer Texas Instruments
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 3.1A 0402
Package 3-XDFN
 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.


CSD17381F4 Specifications

Manufacturer Part Number	CSD17381F4
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	3-XDFN
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	30V
Current - Continuous Drain (I _d) @ 25°C	3.1A (T _a)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	1.8V, 4.5V
V _{gs(th)} (Max) @ I _d	1.1V @ 250µA
Gate Charge (Q _g) (Max) @ V _{gs}	1.35nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	195pF @ 15V
V _{gs} (Max)	12V
FET Feature	-
Power Dissipation (Max)	500mW (T _a)
R _{ds On} (Max) @ I _d , V _{gs}	109 mOhm @ 500mA, 8A
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	3-PICOSTAR
Package / Case	3-XDFN

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CSD17381F4 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.

CSD17381F4 Payment Methods



CSD17381F4 Shipping Methods



If you have any question about CSD17381F4, please do not hesitate to contact us!

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