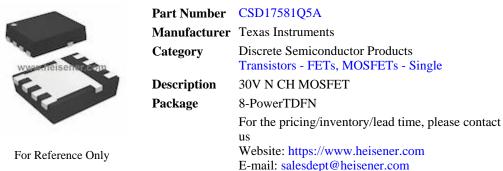


CSD17581Q5A

CSD17581Q5A Information





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.



CSD17581Q5A Specifications

Manufacturer Part Number	CSD17581Q5A
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	24A (Ta), 123A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	1.7V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	54nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3640pF @ 15V
Vgs (Max)	$\pm 20\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	3.1W (Ta), 83W (Tc)
Rds On (Max) @ Id, Vgs	3.4 mOhm @ 16A, 10V
Operating Temperature	-55°C ~ 155°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-VSONP (5x6)
Package / Case	8-PowerTDFN
	Report errors?

CSD17581Q5A 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

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

CSD17581Q5A Payment Methods





If you have any question about CSD17581Q5A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com