



# CSD16410Q5A Information



For Reference Only

**Part Number** CSD16410Q5A **Manufacturer** Texas Instruments

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 25V 59A 8-SON

Package 8-PowerTDFN

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.









# CSD16410Q5A Specifications

Manufacturer Part Number	CSD16410Q5A
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)	25V
Current - Continuous Drain (Id) @ 25°C	16A (Ta), 59A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	5nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	740pF @ 12.5V
Vgs (Max)	+16V, -12V
FET Feature	-
Power Dissipation (Max)	3W (Ta)
Rds On (Max) @ Id, Vgs	8.5 mOhm @ 17A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-VSON (5x6)
Package / Case	8-PowerTDFN
	Report errors?

### CSD16410Q5A 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.

### CSD16410Q5A Payment Methods





















### CSD16410Q5A Shipping Methods













If you have any question about CSD16410Q5A, please do not hesitate to contact us!

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