



## CSD17313Q2Q1 Information



For Reference Only

**Part Number** CSD17313Q2Q1 **Manufacturer** Texas Instruments

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 5A 6SON

Package 6-WDFN Exposed Pad

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.









# CSD17313Q2Q1 Specifications

Manufacturer Part Number	CSD17313Q2Q1
Manufacturer	Texas Instruments
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	6-WDFN Exposed Pad
Series	Automotive, AEC-Q100, NexFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	3V, 8V
Vgs(th) (Max) @ Id	1.8V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	2.7nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	340pF @ 15V
Vgs (Max)	+10V, -8V
FET Feature	-
Power Dissipation (Max)	2.3W (Ta)
Rds On (Max) @ Id, Vgs	30 mOhm @ 4A, 8V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-WSON (2x2)
Package / Case	6-WDFN Exposed Pad
	Report errors?

### CSD17313Q2Q1 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.

## CSD17313Q2Q1 Payment Methods



















### CSD17313Q2Q1 Shipping Methods













If you have any question about CSD17313Q2Q1, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com