



CSD18513Q5A Information



For Reference Only

Part Number CSD18513Q5A
Manufacturer Texas Instruments

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description 40V N CH MOSFET

Package 8-PowerTDFN

For the pricing/inventory/lead time, please contact

us

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



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CSD18513Q5A Specifications

Manufacturer Part Number Manufacturer Texas Instruments Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-PowerTDFN Series * FET Type - Technology - Drain to Source Voltage (Vdss) - Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs - Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case B-PowerTDFN Report errors?		
CategoryDiscrete Semiconductor ProductsPackage8-PowerTDFNSeries*FET Type-Technology-Drain to Source Voltage (Vdss)-Current - Continuous Drain (Id) @ 25°C-Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs-Operating Temperature-Mounting TypeSurface MountSupplier Device Package8-VSONP (5x6)Package / Case8-PowerTDFN	Manufacturer Part Number	CSD18513Q5A
Transistors - FETs, MOSFETs - Single Package 8-PowerTDFN Series * FET Type - Technology - Drain to Source Voltage (Vdss) - Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) + ET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Surface Mount Supplier Device Package - Package / Case - **Power TDFN Transistors - FETs, MOSFETs - Single 8-PowerTDFN **Transistors - FETs, MOSFETs - Single 8-PowerTDFN **Transistors - FETs, MOSFETs - Single 8-PowerTDFN **Transistors - FETs, MOSFETs - Single **PowerTDFN **Transistors - FETs, MOSFETs - Single **PowerTDFN **Transistors - FETs, MOSFETs - Single **PowerTDFN **PowerDFN **PowerTDFN **PowerDFN **PowerTDFN **PowerDFN **PowerDFN **PowerDFN **Pow	Manufacturer	Texas Instruments
Package 8-PowerTDFN Series * FET Type - Technology - Drain to Source Voltage (Vdss) - Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Category	Discrete Semiconductor Products
Series * FET Type - Technology - Drain to Source Voltage (Vdss) - Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN		Transistors - FETs, MOSFETs - Single
FET Type - Chonology - Current - Continuous Drain (Id) @ 25°C - Current - Cur	Package	8-PowerTDFN
Technology - Current - Continuous Drain (Id) @ 25°C - Current - Current (Id) @ 25°C - Current (Id) @ 25	Series	*
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Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) £20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case A 5V, 10V 4.5V, 10V 4.5V, 10V - Company Company Company FUND Company FUND Company Surface Mount Supplier Device Package 8-Power TDFN	Drain to Source Voltage (Vdss)	-
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature Power Dissipation (Max) - CRds On (Max) @ Id, Vgs - COPERATION -	Current - Continuous Drain (Id) @ 25°C	-
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case - Surface Mount 8-PowerTDFN	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs-Operating Temperature-Mounting TypeSurface MountSupplier Device Package8-VSONP (5x6)Package / Case8-PowerTDFN	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Career Dissipation (Max) - Career Dissipation (Max) - Career Dissipation (Max) @ Id, Vgs - Career Department Career Department Career Department Career Department Career Device Package Surface Mount Supplier Device Package 8-VSONP (5x6) 8-PowerTDFN	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs-Operating Temperature-Mounting TypeSurface MountSupplier Device Package8-VSONP (5x6)Package / Case8-PowerTDFN	FET Feature	-
Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Power Dissipation (Max)	-
Mounting Type Surface Mount Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Rds On (Max) @ Id, Vgs	-
Supplier Device Package 8-VSONP (5x6) Package / Case 8-PowerTDFN	Operating Temperature	-
Package / Case 8-PowerTDFN	Mounting Type	Surface Mount
	Supplier Device Package	8-VSONP (5x6)
Report errors?	Package / Case	8-PowerTDFN
		Report errors?

CSD18513Q5A 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.

CSD18513Q5A Payment Methods



















CSD18513Q5A Shipping Methods













If you have any question about CSD18513Q5A, please do not hesitate to contact us!

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