



### **TSM4436CS RLG Information**

Heisener.com

**Part Number** TSM4436CS RLG **Manufacturer** TSC America Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET, SINGLE, N-CHANNEL, TRENC

**Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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# **TSM4436CS RLG Specifications**

Manufacturer Part Number         TSM4436CS RLG           Manufacturer         TSC America Inc.           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         8A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         10.5nC @ 4.5V           Input Capacitance (Ciss) (Max) @ Vds         1100pF @ 30V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         2.5W (Ta)           Rds On (Max) @ Id, Vgs         36 mOhm @ 4.6A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         8-SOP           Package / Case         8-SOIC (0.154", 3.90mm Width)		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Parin to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 8A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 10.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 1100pF @ 30V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 36 mOhm @ 4.6A, 10V Operating Temperature Supplier Device Package Package / Case  Position of the Mosping Associated Single Package / Case  Position of Temperature Package / Case  Position of Temperature Package / Case  Package / Case  Position of Temperature Package / Case Position of Temperature Package / Case Package / Case Package / Case Position of Temperature Package / Case Position of Temperature Package / Case Position of Temperature Package / Case Package / Case Package / Case Position of Temperature Package / Case Package / Case Package / Case Position of Temperature Package / Case Package / Case Package / Case Package Package / Case Package / Case Position of Temperature Package / Case	Manufacturer Part Number	TSM4436CS RLG
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C8A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1100pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs36 mOhm @ 4.6A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C8A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1100pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs36 mOhm @ 4.6A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
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Current - Continuous Drain (Id) @ 25°C  BA (Ta)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  #20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  36 mOhm @ 4.6A, 10V  Operating Temperature  Surface Mount  Supplier Device Package  Package / Case  8-SOIC (0.154", 3.90mm Width)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1100pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs36 mOhm @ 4.6A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Drain to Source Voltage (Vdss)	60V
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Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Journal Type  Surface Mount  Supplier Device Package  Package / Case  10.5nC @ 4.5V  1100pF @ 30V  1100pF @ 30V  120V  1100pF @ 30V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  36 mOhm @ 4.6A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  8-SOIC (0.154", 3.90mm Width)	Vgs(th) (Max) @ Id	3V @ 250μA
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FET Feature - Case - Ca	Input Capacitance (Ciss) (Max) @ Vds	1100pF @ 30V
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Rds On (Max) @ Id, Vgs36 mOhm @ 4.6A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	FET Feature	-
Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  8-SOP  Package / Case  8-SOIC (0.154", 3.90mm Width)	Power Dissipation (Max)	2.5W (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	36 mOhm @ 4.6A, 10V
Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-SOP
Report errors?	Package / Case	8-SOIC (0.154", 3.90mm Width)
		Report errors?

#### **TSM4436CS RLG 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.

## **TSM4436CS RLG Payment Methods**





















### **TSM4436CS RLG Shipping Methods**













If you have any question about TSM4436CS RLG, please do not hesitate to contact us!

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