



MCQ4410-TP Information



For Reference Only

Part Number MCQ4410-TP

Manufacturer Micro Commercial Co

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description N-CHANNEL MOSFET, SOP-8 PACKAGE

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

For the pricing/inventory/lead time, please contact

us

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



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MCQ4410-TP Specifications

Manufacturer Part Number MCQ4410-TP Manufacturer Micro Commercial Co 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) 30V Current - Continuous Drain (Id) @ 25°C 7.5A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9130pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 1.4W Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOIC (0.154", 3.90mm Width) Report errors?		
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) 30V Current - Continuous Drain (Id) @ 25°C 7.5A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9130pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 1.4W Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 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)	Manufacturer Part Number	MCQ4410-TP
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Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 7.5A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 40nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9130pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 1.4W Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 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)		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C7.5ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9130pF @ 10VVgs (Max)±12VFET Feature-Power Dissipation (Max)1.4WRds On (Max) @ Id, Vgs13.5 mOhm @ 10A, 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)
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 7.5A 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 13.5 mOhm @ 10A, 10V Operating Temperature Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V 7.5A 7.5A 10V 7.5A 40n (9 10V 40n (9 10V 9 130pF @ 10V 12V FET Feature - Surface Mount Surface Mount 8-SOP 8-SOIC (0.154", 3.90mm Width)	Series	-
Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C7.5ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9130pF @ 10VVgs (Max)±12VFET Feature-Power Dissipation (Max)1.4WRds On (Max) @ Id, Vgs13.5 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	FET Type	N-Channel
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 13.5 mOhm @ 10A, 10V Operating Temperature Surface Mount Supplier Device Package Package / Case 7.5A 7.5A 10V 7.5A 10V 7.5A 10V 14W 9130pF @ 10V 11V 11V 11V 11V 11V 11V 11V	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs40nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9130pF @ 10VVgs (Max)±12VFET Feature-Power Dissipation (Max)1.4WRds On (Max) @ Id, Vgs13.5 mOhm @ 10A, 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)	30V
$Vgs(th) (Max) @ Id \\ Gate Charge (Qg) (Max) @ Vgs \\ 40nC @ 10V \\ Input Capacitance (Ciss) (Max) @ Vds \\ 9130pF @ 10V \\ Vgs (Max) \\ \pm 12V \\ FET Feature \\ - \\ Power Dissipation (Max) \\ Rds On (Max) @ Id, Vgs \\ 13.5 mOhm @ 10A, 10V \\ Operating Temperature \\ -55^{\circ}C \sim 150^{\circ}C (TJ) \\ Mounting Type \\ Surface Mount \\ Supplier Device Package \\ Package / Case \\ 8-SOIC (0.154'', 3.90mm Width)$	Current - Continuous Drain (Id) @ 25°C	7.5A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 9130pF @ 10V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 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)	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)±12VFET Feature-Power Dissipation (Max)1.4WRds On (Max) @ Id, Vgs13.5 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
FET Feature - Power Dissipation (Max) 1.4W Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 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)	Input Capacitance (Ciss) (Max) @ Vds	9130pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13.5 mOhm @ 10A, 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)	Vgs (Max)	±12V
Rds On (Max) @ Id, Vgs13.5 mOhm @ 10A, 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)	1.4W
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	13.5 mOhm @ 10A, 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?

MCQ4410-TP 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.

MCQ4410-TP Payment Methods



















MCQ4410-TP Shipping Methods













If you have any question about MCQ4410-TP, please do not hesitate to contact us!

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