



TC429EMF Information



For Reference Only

Part Number TC429EMF

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DRIVER 6A HS 8DFN

Package 8-VDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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TC429EMF Specifications

Manufacturer Part NumberTC429EMFManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply7 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)6A, 6AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-VDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Inverting
PMIC - Gate Drivers Package 8-VDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 7 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) 6A, 6A Input Type Inverting
Package 8-VDFN Exposed Pad Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 7 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) 6A, 6A Input Type Inverting
Series - Driven Configuration Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 7 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) 6A, 6A Input Type Inverting
Driven Configuration Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Type Voltage - VIL, VIH O.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Low-Side Single N-Channel MOSFET 7 V ~ 18 V Logic Voltage - VIL, VIH Inverting
Channel Type Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Type Voltage - VIL, VIH O.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Single N-Channel, P-Channel MOSFET O.8V, 2.4V Inverting
Number of Drivers Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Type 7 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Inverting
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Inverting
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type 0.8V, 2.4V 6A, 6A Inverting
Current - Peak Output (Source, Sink) Input Type 6A, 6A Inverting
Input Type Inverting
High Side Voltage - Max (Bootstrap)
Rise / Fall Time (Typ) 23ns, 25ns
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Mounting Type Surface Mount
Package / Case 8-VDFN Exposed Pad
Supplier Device Package 8-DFN-EP (3x3)
Report errors?

TC429EMF 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.

TC429EMF Payment Methods



















TC429EMF Shipping Methods













If you have any question about TC429EMF, please do not hesitate to contact us!

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