



MIC4468CN Information



For Reference Only

Part Number MIC4468CN

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER MOSF QUAD 1.2A 14-DIP

Package 14-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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MIC4468CN Specifications

Manufacturer Part NumberMIC4468CNManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Package14-DIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers4Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.2A, 1.2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)14ns, 13nsOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-DIP	•	
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Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.2A, 1.2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)14ns, 13nsOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Number of Drivers	4
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Gate Type	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Voltage - Supply	4.5 V ~ 18 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature O°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Logic Voltage - VIL, VIH	0.8V, 2.4V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 14ns, 13ns Operating Temperature 0°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Current - Peak Output (Source, Sink)	1.2A, 1.2A
Rise / Fall Time (Typ) 14ns, 13ns Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA) Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Input Type	Non-Inverting
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	High Side Voltage - Max (Bootstrap)	-
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)	Rise / Fall Time (Typ)	14ns, 13ns
Package / Case 14-DIP (0.300", 7.62mm)	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
-	Mounting Type	Through Hole
Supplier Device Package 14-DIP	Package / Case	14-DIP (0.300", 7.62mm)
	Supplier Device Package	14-DIP
Report errors?		Report errors?

MIC4468CN Guarantees



Quality Guarantees

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Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC4468CN Payment Methods



















MIC4468CN Shipping Methods













If you have any question about MIC4468CN, please do not hesitate to contact us!

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