



TC4405EPA Information



For Reference Only

Part Number TC4405EPA

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DVR 1.5A DUAL OD 8-DIP

Package 8-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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TC4405EPA Specifications

Manufacturer Part NumberTC4405EPAManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-DIP (0.300", 7.62mm)Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)40ns, 40ns (Max)Operating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP			
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Number of Drivers2Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)40ns, 40ns (Max)Operating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Driven Configuration	Low-Side	
Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V 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) 40ns, 40ns (Max) Operating Temperature 40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	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) 40ns, 40ns (Max) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Number of Drivers	2	
Logic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)40ns, 40ns (Max)Operating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Gate Type	IGBT, N-Channel, P-Channel MOSFET	
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Rise / Fall Time (Typ) $40ns, 40ns (Max)$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA)$ Mounting Type Through Hole Package / Case $8\text{-DIP} (0.300^{\circ}, 7.62 \text{mm})$ Supplier Device Package 8-PDIP	Input Type	Non-Inverting	
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	High Side Voltage - Max (Bootstrap)	-	
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Rise / Fall Time (Typ)	40ns, 40ns (Max)	
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package 8-PDIP	Mounting Type	Through Hole	
	Package / Case	8-DIP (0.300", 7.62mm)	
Report errors?	Supplier Device Package	8-PDIP	
		Report error	s?

TC4405EPA 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.

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TC4405EPA Shipping Methods













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