



EL7212CS-T13 Information

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For Reference Only

Part Number EL7212CS-T13

Manufacturer Intersil

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

Description IC DRIVER MOSFET DUAL HS 8-SOIC

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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EL7212CS-T13 Specifications

Manufacturer Part NumberEL7212CS-T13ManufacturerIntersilCategoryIntegrated Circuits (ICs)Package8-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7.5ns, 10nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 15 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Aoo'C ~ 125°C (TJ) Mounting Type Integrated Circuits (ICs) PMIC - Gate Drivers 8-SOIC (0.154", 3.90mm Width) 0.04-SOIC (0.154", 3.90mm Width) 1.05-SOIC (0.154", 3.90mm	Manufacturer Part Number	EL7212CS-T13
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Voltage - Supply4.5 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7.5ns, 10nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)7.5ns, 10nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount	Gate Type	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Voltage - Supply	4.5 V ~ 15 V
Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 7.5ns, 10ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Logic Voltage - VIL, VIH	0.8V, 2.4V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 7.5ns, 10ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Current - Peak Output (Source, Sink)	2A, 2A
Rise / Fall Time (Typ) $7.5 \text{ns}, 10 \text{ns}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface Mount	Input Type	Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount	Rise / Fall Time (Typ)	7.5ns, 10ns
	Operating Temperature	-40°C ~ 125°C (TJ)
	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors?		Report errors?

EL7212CS-T13 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.

EL7212CS-T13 Payment Methods



















EL7212CS-T13 Shipping Methods













If you have any question about EL7212CS-T13, please do not hesitate to contact us!

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