



## LT1162CSW#PBF Information



For Reference Only

Part Number LT1162CSW#PBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC PWR MOSFET DRIVER NCH 24SOIC

**Package** 24-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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## LT1162CSW#PBF Specifications

Manufacturer Part Number         LT1162CSW#PBF           Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           Package         24-SOIC (0.295", 7.50mm Width)           Series         -           Driven Configuration         Half-Bridge           Channel Type         Independent           Number of Drivers         4           Gate Type         N-Channel MOSFET           Voltage - Supply         10 V ~ 15 V           Logic Voltage - VIL, VIH         0.8V, 2V           Current - Peak Output (Source, Sink)         1.5A, 1.5A           Input Type         Non-Inverting           High Side Voltage - Max (Bootstrap)         60V           Rise / Fall Time (Typ)         130ns, 60ns           Operating Temperature         0°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         24-SOIC (0.295", 7.50mm Width)           Supplier Device Package         24-SOIC		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage24-SOIC (0.295", 7.50mm Width)Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers4Gate TypeN-Channel MOSFETVoltage - Supply10 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)60VRise / Fall Time (Typ)130ns, 60nsOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOIC	Manufacturer Part Number	LT1162CSW#PBF
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Driven Configuration  Channel Type  Independent  Number of Drivers  4  Gate Type  N-Channel MOSFET  Voltage - Supply  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 ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  24-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Package	24-SOIC (0.295", 7.50mm Width)
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Number of Drivers  Gate Type  N-Channel MOSFET  Voltage - Supply  10 V ~ 15 V  Logic Voltage - VIL, VIH  0.8V, 2V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  0°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  24-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply10 V ~ 15 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)60VRise / Fall Time (Typ)130ns, 60nsOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOIC	Channel Type	Independent
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Mounting Type Surface Mount  Package / Case 24-SOIC (0.295", 7.50mm Width)  Supplier Device Package 24-SOIC	Rise / Fall Time (Typ)	130ns, 60ns
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Supplier Device Package 24-SOIC	Mounting Type	Surface Mount
	Package / Case	24-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	24-SOIC
		Report errors?

#### LT1162CSW#PBF 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.

## LT1162CSW#PBF Payment Methods



















## LT1162CSW#PBF Shipping Methods













If you have any question about LT1162CSW#PBF, please do not hesitate to contact us!

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