

## NCP45525IMNTWG-L

### NCP45525IMNTWG-L Information



For Reference Only

Part Number NCP45525IMNTWG-L
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC LOAD SWITCH ACT-LOW 6A 8DFN

Package 8-VFDFN 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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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# NCP45525IMNTWG-L Specifications

Manufacturer Part Number         NCP45525IMNTWG-L           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Package         8-VFDFN Exposed Pad           Series         ecoSWITCH?           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         0.5 V ~ 13.5 V           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Current - Output (Max)         6A           Rds On (Typ)         18 mOhm           Input Type         Non-Inverting           Features         Slew Rate Controlled           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         8-VFDFN Exposed Pad           Supplier Device Package         8-DFN (2x2)		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         8-VFDFN Exposed Pad           Series         ecoSWITCH?           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         0.5 V ~ 13.5 V           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Current - Output (Max)         6A           Rds On (Typ)         18 mOhm           Input Type         Non-Inverting           Features         Slew Rate Controlled           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         8-VFDFN Exposed Pad           Supplier Device Package         8-DFN (2x2)	Manufacturer Part Number	NCP45525IMNTWG-L
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Package8-VFDFN Exposed PadSeriesecoSWITCH?Switch TypeGeneral PurposeNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load0.5 V ~ 13.5 VVoltage - Supply (Vcc/Vdd)3 V ~ 5.5 VCurrent - Output (Max)6ARds On (Typ)18 mOhmInput TypeNon-InvertingFeaturesSlew Rate ControlledFault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x2)	Category	Integrated Circuits (ICs)
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Input Type Non-Inverting  Features Slew Rate Controlled  Fault Protection - Operating Temperature -40°C ~ 85°C (TA)  Package / Case 8-VFDFN Exposed Pad  Supplier Device Package 8-DFN (2x2)	Current - Output (Max)	6A
Features Slew Rate Controlled  Fault Protection - Operating Temperature -40°C ~ 85°C (TA)  Package / Case 8-VFDFN Exposed Pad  Supplier Device Package 8-DFN (2x2)	Rds On (Typ)	18 mOhm
Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x2)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA)  Package / Case 8-VFDFN Exposed Pad  Supplier Device Package 8-DFN (2x2)	Features	Slew Rate Controlled
Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x2)	Fault Protection	-
Supplier Device Package 8-DFN (2x2)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	8-VFDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN (2x2)
		Report errors?

#### NCP45525IMNTWG-L 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.

### NCP45525IMNTWG-L Payment Methods



















### NCP45525IMNTWG-L Shipping Methods













If you have any question about NCP45525IMNTWG-L, please do not hesitate to contact us!

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