



HCPL2731SV Information



For Reference Only

Part Number HCPL2731SV

Manufacturer Fairchild/ON Semiconductor

Category Isolators

Optoisolators - Transistor, Photovoltaic Output

Description OPTOISO 2.5KV 2CH DARL 8SMD

Package 8-SMD, Gull Wing

For the pricing/inventory/lead time, please contact

us

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



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HCPL2731SV Specifications

Manufacturer Part Number HCPL2731SV Manufacturer Fairchild/ON Semiconductor Category Isolators Optoisolators - Transistor, Photovoltaic Output Package 8-SMD, Gull Wing Series - Number of Channels 2 Voltage - Isolation 2500Vrms Current Transfer Ratio (Min) 500% @ 1.6mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 300ns, 5μs Rise / Fall Time (Typ) - Input Type DC Output Type Darlington Voltage - Output (Max) 18V Current - Output / Channel 60mA Voltage - Forward (Vf) (Typ) 1.3V	TOT DETOTS V Specifications	
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Series Number of Channels 2 Voltage - Isolation Current Transfer Ratio (Min) Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type Output Type DC Output Type Darlington Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V		Optoisolators - Transistor, Photovoltaic Output
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Current Transfer Ratio (Max) Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type DC Output Type Darlington Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V	Voltage - Isolation	2500Vrms
Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ) Input Type DC Output Type Darlington Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 300ns, 5µs	Current Transfer Ratio (Min)	500% @ 1.6mA
Rise / Fall Time (Typ) - Input Type DC Output Type Darlington Voltage - Output (Max) 18V Current - Output / Channel 60mA Voltage - Forward (Vf) (Typ) 1.3V	Current Transfer Ratio (Max)	-
Input Type DC Output Type Darlington Voltage - Output (Max) 18V Current - Output / Channel 60mA Voltage - Forward (Vf) (Typ) 1.3V	Turn On / Turn Off Time (Typ)	300ns, 5µs
Output Type Darlington Voltage - Output (Max) 18V Current - Output / Channel 60mA Voltage - Forward (Vf) (Typ) 1.3V	Rise / Fall Time (Typ)	-
Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.3V	Input Type	DC
Current - Output / Channel 60mA Voltage - Forward (Vf) (Typ) 1.3V	Output Type	Darlington
Voltage - Forward (Vf) (Typ) 1.3V	Voltage - Output (Max)	18V
	Current - Output / Channel	60mA
	Voltage - Forward (Vf) (Typ)	1.3V
Current - DC Forward (If) (Max) 20mA	Current - DC Forward (If) (Max)	20mA
Vce Saturation (Max)	Vce Saturation (Max)	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-SMD, Gull Wing	Package / Case	8-SMD, Gull Wing
Supplier Device Package 8-SMD	Supplier Device Package	8-SMD
Report errors?		Report errors?

HCPL2731SV 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.

HCPL2731SV Payment Methods



















HCPL2731SV Shipping Methods













If you have any question about HCPL2731SV, please do not hesitate to contact us!

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