



### PC357N7TJ00F Information



For Reference Only

Part Number PC357N7TJ00F

Manufacturer Sharp Microelectronics

**Category** Isolators

Optoisolators - Transistor, Photovoltaic Output

**Description** OPTOISO 3.75KV TRANSISTOR 4BESOP

Package 4-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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# **PC357N7TJ00F Specifications**

Manufacturer Part Number         PC357N7TJ00F           Manufacturer         Sharp Microelectronics           Category         Isolators           Optoisolators - Transistor, Photovoltaic Output           Package         4-SMD, Gull Wing           Series         -           Number of Channels         1           Voltage - Isolation         3750Vrms           Current Transfer Ratio (Min)         200% @ 5mA           Current Transfer Ratio (Max)         600% @ 5mA           Turn On / Turn Off Time (Typ)         -           Rise / Fall Time (Typ)         4µs, 3µs           Input Type         DC           Output Type         Transistor           Voltage - Output (Max)         80V           Current - Output / Channel         50mA           Voltage - Forward (Vf) (Typ)         1.2V           Current - DC Forward (If) (Max)         50mA           Vec Saturation (Max)         200mV           Operating Temperature         -30°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         4-SMD, Gull Wing           Supplier Device Package         4-Mini-Flat	*	
Category         Isolators           Optoisolators - Transistor, Photovoltaic Output           Package         4-SMD, Gull Wing           Series         -           Number of Channels         1           Voltage - Isolation         3750Vrms           Current Transfer Ratio (Min)         200% @ 5mA           Current Transfer Ratio (Max)         600% @ 5mA           Turn On / Turn Off Time (Typ)         -           Rise / Fall Time (Typ)         4µs, 3µs           Input Type         DC           Output Type         Transistor           Voltage - Output (Max)         80V           Current - Output / Channel         50mA           Voltage - Forward (Vf) (Typ)         1.2V           Current - DC Forward (If) (Max)         50mA           Vcc Saturation (Max)         200mV           Operating Temperature         -30°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         4-SMD, Gull Wing           Supplier Device Package         4-Mini-Flat	Manufacturer Part Number	PC357N7TJ00F
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Series-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)200% @ 5mACurrent Transfer Ratio (Max)600% @ 5mATurn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)4μs, 3μsInput TypeDCOutput TypeTransistorVoltage - Output (Max)80VCurrent - Output / Channel50mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-Mini-Flat		Optoisolators - Transistor, Photovoltaic Output
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Current Transfer Ratio (Min)  Current Transfer Ratio (Max)  600% © 5mA  Turn On / Turn Off Time (Typ)  - Rise / Fall Time (Typ)  4µs, 3µs  Input Type  DC  Output Type  Transistor  Voltage - Output (Max)  80V  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vee Saturation (Max)  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Sun A	Number of Channels	1
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Output Type  Voltage - Output (Max)  80V  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vce Saturation (Max)  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Supplier Device Package	Rise / Fall Time (Typ)	4μs, 3μs
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Current - Output / Channel 50mA  Voltage - Forward (Vf) (Typ) 1.2V  Current - DC Forward (If) (Max) 50mA  Vce Saturation (Max) 200mV  Operating Temperature -30°C ~ 100°C  Mounting Type Surface Mount  Package / Case 4-SMD, Gull Wing  Supplier Device Package 4-Mini-Flat	Output Type	Transistor
Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  50mA  Vce Saturation (Max)  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Supplier Device Package  4-Mini-Flat	Voltage - Output (Max)	80V
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Vce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-Mini-Flat	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Supplier Device Package  4-Mini-Flat	Current - DC Forward (If) (Max)	50mA
Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-Mini-Flat	Vce Saturation (Max)	200mV
Package / Case 4-SMD, Gull Wing Supplier Device Package 4-Mini-Flat	Operating Temperature	-30°C ~ 100°C
Supplier Device Package 4-Mini-Flat	Mounting Type	Surface Mount
	Package / Case	4-SMD, Gull Wing
Report errors?	Supplier Device Package	4-Mini-Flat
		Report errors?

#### PC357N7TJ00F 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.

### PC357N7TJ00F Payment Methods



















## PC357N7TJ00F Shipping Methods













If you have any question about PC357N7TJ00F, please do not hesitate to contact us!

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