



# PC355NTJ000F Information



For Reference Only

Part Number PC355NTJ000F

Manufacturer Sharp Microelectronics

**Category** Isolators

Optoisolators - Transistor, Photovoltaic Output

**Description** OPTOISO 3.75KV DARL 4-MINI-FLAT

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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### **PC355NTJ000F Specifications**

Manufacturer Part Number         PC355NTJ000F           Manufacturer         Sharp Microelectronics           Category         Isolators           Package         4-SMD, Gull Wing           Series         -           Number of Channels         1           Voltage - Isolation         3750Vrms           Current Transfer Ratio (Min)         600% @ ImA           Current Transfer Ratio (Max)         -           Turn On / Turn Off Time (Typ)         -           Rise / Fall Time (Typ)         60µs, 53µs           Input Type         DC           Output Type         DC           Output (Max)         35V           Current - Output / Channel         80mA           Voltage - Forward (Vf) (Typ)         1.2V           Current - DC Forward (If) (Max)         50mA           Vec Saturation (Max)         1V           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)         600% @ ImA           Current Transfer Ratio (Max)         -           Turn On / Turn Off Time (Typ)         -           Rise / Fall Time (Typ)         60µs, 53µs           Input Type         DC           Output Type         Darlington           Voltage - Output (Max)         35V           Current - Output / Channel         80mA           Voltage - Forward (Vf) (Typ)         1.2V           Current - DC Forward (If) (Max)         50mA           Vce Saturation (Max)         1V           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	PC355NTJ000F
Package 4-SMD, Gull Wing Series - Number of Channels 1 Voltage - Isolation 3750Vrms Current Transfer Ratio (Min) 600% @ 1mA Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) 60µs, 53µs Input Type DC Output Type Darlington Voltage - Output (Max) 35V Current - Output / Channel 80mA Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 50mA Vce Saturation (Max) 1V Operating Temperature -30°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-Mini-Flat	Manufacturer	Sharp Microelectronics
Package         4-SMD, Gull Wing           Series         -           Number of Channels         1           Voltage - Isolation         3750 Vrms           Current Transfer Ratio (Min)         600% @ 1mA           Current Transfer Ratio (Max)         -           Turn On / Turn Off Time (Typ)         -           Rise / Fall Time (Typ)         60μs, 53μs           Input Type         DC           Output Type         Darlington           Voltage - Output (Max)         35V           Current - Output / Channel         80mA           Voltage - Forward (Vf) (Typ)         1.2V           Current - DC Forward (If) (Max)         50mA           Vce Saturation (Max)         1V           Operating Temperature         -30°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         4-SMD, Gull Wing           Supplier Device Package         4-Mini-Flat	Category	Isolators
Series-Number of Channels1Voltage - Isolation3750VrmsCurrent Transfer Ratio (Min)600% @ 1mACurrent Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)60μs, 53μsInput TypeDCOutput TypeDarlingtonVoltage - Output (Max)35VCurrent - Output / Channel80mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)1VOperating 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)  Turn On / Turn Off Time (Typ)  Rise / Fall Time (Typ)  60µs, 53µs  Input Type  DC  Output Type  Darlington  Voltage - Output (Max)  35V  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vee Saturation (Max)  1V  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Suma  4-Mini-Flat	Number of Channels	1
Current Transfer Ratio (Max)-Turn On / Turn Off Time (Typ)-Rise / Fall Time (Typ)60μs, 53μsInput TypeDCOutput TypeDarlingtonVoltage - Output (Max)35VCurrent - Output / Channel80mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)1VOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-Mini-Flat	Voltage - Isolation	3750Vrms
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Rise / Fall Time (Typ)60μs, 53μsInput TypeDCOutput TypeDarlingtonVoltage - Output (Max)35VCurrent - Output / Channel80mAVoltage - Forward (Vf) (Typ)1.2VCurrent - DC Forward (If) (Max)50mAVce Saturation (Max)1VOperating Temperature-30°C ~ 100°CMounting TypeSurface MountPackage / Case4-SMD, Gull WingSupplier Device Package4-Mini-Flat	Current Transfer Ratio (Max)	-
Input Type Output Type Darlington  Voltage - Output (Max) 35V Current - Output / Channel 80mA  Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) 50mA  Vce Saturation (Max) 1V Operating Temperature -30°C ~ 100°C Mounting Type Surface Mount Package / Case 4-SMD, Gull Wing Supplier Device Package 4-Mini-Flat	Turn On / Turn Off Time (Typ)	-
Output Type  Darlington  Voltage - Output (Max)  Current - Output / Channel  80mA  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vce Saturation (Max)  1V  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Supplier Device Package	Rise / Fall Time (Typ)	60μs, 53μs
Voltage - Output (Max)  Current - Output / Channel  80mA  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vce Saturation (Max)  1V  Operating Temperature  -30°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  4-SMD, Gull Wing  Supplier Device Package  4-Mini-Flat	Input Type	DC
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Current - DC Forward (If) (Max) 50mA  Vce Saturation (Max) 1V  Operating Temperature -30°C ~ 100°C  Mounting Type Surface Mount  Package / Case 4-SMD, Gull Wing  Supplier Device Package 4-Mini-Flat	Current - Output / Channel	80mA
Vce Saturation (Max)1VOperating 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)	1V
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?

### PC355NTJ000F 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.

### **PC355NTJ000F Payment Methods**



















### PC355NTJ000F Shipping Methods













If you have any question about PC355NTJ000F, please do not hesitate to contact us!

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