



## PC817X3NSZ1B Information

Heisener.com

Part Number PC817X3NSZ1B

Manufacturer Sharp Microelectronics

**Category** Isolators

Optoisolators - Transistor, Photovoltaic Output

**Description** OPTOISOLATOR 5KV TRANS DIP

Package

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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### **Certified Quality**

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## PC817X3NSZ1B Specifications

Manufacturer Part Number         PC817X3NSZ1B           Manufacturer         Sharp Microelectronics           Category         Isolators           Optoisolators - Transistor, Photovoltaic Output           Package         -           Series         -           Number of Channels         1           Voltage - Isolation         -           Current Transfer Ratio (Min)         -           Current Transfer Ratio (Max)         -           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           Vce Saturation (Max)         200mV           Operating Temperature         -30°C ~ 100°C           Mounting Type         -           Package / Case         -           Supplier Device Package         -	•	
Isolators	Manufacturer Part Number	PC817X3NSZ1B
Package         -           Series         -           Number of Channels         1           Voltage - Isolation         -           Current Transfer Ratio (Min)         -           Current Transfer Ratio (Max)         -           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         -           Package / Case         -           Supplier Device Package         -	Manufacturer	Sharp Microelectronics
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Number of Channels  Voltage - Isolation  Current Transfer Ratio (Min)  - Current Transfer Ratio (Max)  Turn On / Turn Off Time (Typ)  Rise / Fall Time (Typ)  4µs, 3µs  Input Type  DC  Output Type  Transistor  Voltage - Output (Max)  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Voe Saturation (Max)  Operating Temperature  Mounting Type  Package / Case  Supplier Device Package  -  -  -  -  -  -  -  -  -  -  -  -  -	Package	-
Voltage - Isolation Current Transfer Ratio (Min) Current Transfer Ratio (Max) - Turn On / Turn Off Time (Typ) Rise / Fall Time (Typ)  Output Type DC Output Type Transistor Voltage - Output (Max) Current - Output / Channel Voltage - Forward (Vf) (Typ) 1.2V Current - DC Forward (If) (Max) Vce Saturation (Max) Current - DC Forward (If) (Max)  Voltage - Output (Max) Current - DC Forward (If) (Max) Vce Saturation (Max) Current - DC Forward (If) (Max) Vce Sa	Series	-
Current Transfer Ratio (Min)  Current Transfer Ratio (Max)  Turn On / Turn Off Time (Typ)  Rise / Fall Time (Typ)  Aµs, 3µs  Input Type  DC  Output Type  Transistor  Voltage - Output (Max)  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vee Saturation (Max)  Operating Temperature  August Augus	Number of Channels	1
Current Transfer Ratio (Max)  Turn On / Turn Off Time (Typ)  Rise / Fall Time (Typ)  Aµs, 3µs  Input Type  DC  Output Type  Transistor  Voltage - Output (Max)  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vec Saturation (Max)  Operating Temperature  Package / Case  Supplier Device Package  -  -  -  -  -  -  -  -  -  -  -  -  -	Voltage - Isolation	-
Turn On / Turn Off Time (Typ)  Rise / Fall Time (Typ)  4µs, 3µs  Input Type  DC  Output Type  Transistor  Voltage - Output (Max)  Current - Output / Channel  Voltage - Forward (Vf) (Typ)  1.2V  Current - DC Forward (If) (Max)  Vee Saturation (Max)  Operating Temperature  Mounting Type  -  Package / Case  Supplier Device Package  -  4µs, 3µs  -  4µs, 3µs  -  5DC   OUT  Transistor  Transistor  1.2V  20mA  20mA  20mA  200mV  -30°C ~ 100°C  -30°C ~ 100°C  -30°C ~ 100°C	Current Transfer Ratio (Min)	-
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  Vce Saturation (Max) 200mV Operating Temperature -30°C ~ 100°C  Mounting Type - Package / Case - Supplier Device Package -	Current Transfer Ratio (Max)	-
Input Type Output Type Transistor  Voltage - Output (Max) 80V 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 - Package / Case Supplier Device Package -	Turn On / Turn Off Time (Typ)	-
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  Package / Case  Supplier Device Package  Transistor  Toransistor  Toransis	Rise / Fall Time (Typ)	4μs, 3μs
Voltage - Output (Max)  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  - Package / Case  Supplier Device Package  -	Input Type	DC
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 -  Package / Case -  Supplier Device Package -	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  - Package / Case  Supplier Device Package  -  1.2V  1.	Voltage - Output (Max)	80V
Current - DC Forward (If) (Max) 50mA  Vce Saturation (Max) 200mV  Operating Temperature -30°C ~ 100°C  Mounting Type -  Package / Case -  Supplier Device Package -	Current - Output / Channel	50mA
Vce Saturation (Max)200mVOperating Temperature-30°C ~ 100°CMounting Type-Package / Case-Supplier Device Package-	Voltage - Forward (Vf) (Typ)	1.2V
Operating Temperature -30°C ~ 100°C  Mounting Type -  Package / Case -  Supplier Device Package -	Current - DC Forward (If) (Max)	50mA
Mounting Type - Package / Case - Supplier Device Package -	Vce Saturation (Max)	200mV
Package / Case - Supplier Device Package -	Operating Temperature	-30°C ~ 100°C
Supplier Device Package -	Mounting Type	-
	Package / Case	-
Report errors?	Supplier Device Package	-
		Report errors?

### PC817X3NSZ1B 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.

# PC817X3NSZ1B Payment Methods





















### PC817X3NSZ1B Shipping Methods













If you have any question about PC817X3NSZ1B, please do not hesitate to contact us!

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