



Sharp Microelectronics

## PC12311NSZ

Part Number:	PC12311NSZ
Manufacturer/Brand:	Sharp Microelectronics
Product description:	OPTOISOLATOR 5KV TRANSISTOR 4DIP
Datasheets:	<a href="#">PC12311NSZ.pdf</a>
RoHs Status:	Contains lead / RoHS non-compliant
Stock Condition:	4051 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PC12311NSZ

PART NUMBER	PC12311NSZ
MANUFACTURER	Sharp Microelectronics
DESCRIPTION	OPTOISOLATOR 5KV TRANSISTOR 4DIP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4051 pcs
DATA SHEET	<a href="#">PC12311NSZ.pdf</a>
VOLTAGE - OUTPUT (MAX)	70V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.2V
VCE SATURATION (MAX)	200mV
TURN ON / TURN OFF TIME (TYP)	-
SERIES	-
RISE / FALL TIME (TYP)	4µs, 3µs
PACKAGING	Tube
PACKAGE / CASE	4-DIP (0.300", 7.62mm)
OUTPUT TYPE	Transistor
OTHER NAMES	425-1310-5
OPERATING TEMPERATURE	-30°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
INPUT TYPE	DC
DETAILED DESCRIPTION	Optoisolator Transistor Output 5000Vrms 1 Channel
CURRENT TRANSFER RATIO (MIN)	10% @ 5mA
CURRENT TRANSFER RATIO (MAX)	25% @ 5mA
CURRENT - OUTPUT / CHANNEL	50mA
CURRENT - DC FORWARD (IF) (MAX)	10mA

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<p><b>PC12310NSZ0X</b> Manufacturers: Socle Technology Corporation Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP In stock: 4231 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>PC12310NFZ0X</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 4373 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>PC12311NSZ0X</b> Manufacturers: Socle Technology Corporation Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 139447 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>PC12311NSZ0F</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 7001 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>PC12310NSZ</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP In stock: 4245 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>PC123AJ0000F</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP In stock: 6986 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>PC12310NSZ0F</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP In stock: 4691 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>PC12311NSZ1H</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 4255 pcs</p> <p><a href="#">RFQ</a></p>
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<p><b>PC12311YFZ0X</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP In stock: 7026 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>PC123</b> Manufacturers: Sharp Microelectronics Description: OPTOISOLATR 5KV TRANSISTOR 4-DIP In stock: 5851 pcs</p> <p><a href="#">RFQ</a></p>