

**AMI Semiconductor / ON**

## NLSX4378BFCT1G

Part Number: NLSX4378BFCT1G  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: 4-BIT 20 MBPS TRANSLATOR 12UBUMP  
 Datasheets: NLSX4378BFCT1G.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Semiconductor

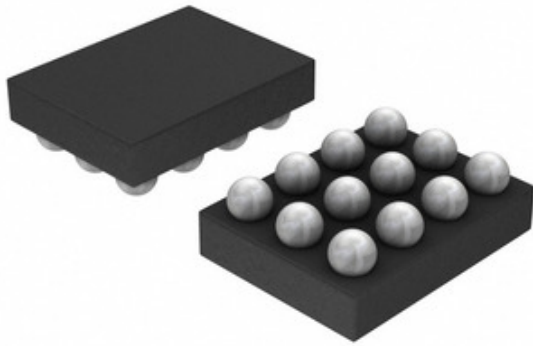


Image may be representation. See specifications for product details.

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### Specifications of NLSX4378BFCT1G

PART NUMBER	NLSX4378BFCT1G
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	4-BIT 20 MBPS TRANSLATOR 12UBUMP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	NLSX4378BFCT1G.pdf
VOLTAGE - VCCB	1.65V ~ 5.5V
VOLTAGE - VCCA	1.65V ~ 5.5V
TRANSLATOR TYPE	Voltage Level
SUPPLIER DEVICE PACKAGE	12-μBump (2.02 x 1.54)
SERIES	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	12-WFBGA, FCBGA
OUTPUT TYPE	Open Drain
OUTPUT SIGNAL	-
OTHER NAMES	NLSX4378BFCT1GOSCT
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CIRCUITS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	38 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT SIGNAL	-
FEATURES	Auto-Direction Sensing
DETAILED DESCRIPTION	Voltage Level Translator Bidirectional 1 Circuit 4 Channel 24Mbps 12-μBump (2.02 x 1.54)
DATA RATE	24Mbps
CHANNELS PER CIRCUIT	4
CHANNEL TYPE	Bidirectional
BASE PART NUMBER	NLSX4378

### Related Tags

AMI Semiconductor / ON Semiconductor NLSX4378BFCT1G	NLSX4378BFCT1G Distributor	NLSX4378BFCT1G Supplier
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### Related Products

<p><b>NLSX5011AMUTCG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 6UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4402FMUTCG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC XLATOR 2BIT 20MBS DUAL 8UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>NLSX5011AMUTAG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 6UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4373DMR2G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIR 8MICROPAK                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>NLSX4373MUTAG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 8UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4378FCT1G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 12UBUMP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>NLSX4373DR2G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 8SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4302EBMUTCG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRANSLATOR DUAL 2BIT 8UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>NLSX5011AMUTBG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 6UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4378ABFCT1G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: 4-BIT 20 MBPS TRANSLATOR                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>NLSX4014MUTAG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 12UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>NLSX4401MU1TCG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC TRNSLTR BIDIRECTIONAL 6UDFN                  In stock: Out stock  <a href="#">RFQ</a></p>