

DIODES PERICON INC.

**Diodes Incorporated** 

PI6C49S1510AZDIEX

Part Number: PI6C49S1510AZDIEX

Manufacturer/Brand: **Diodes Incorporated** IC CLOCK BUFFER MUX 3:11 48TQFN Product description

Datasheets: PI6C49S1510AZDIEX.pdf RoHs Status Lead free / RoHS Compliant

Stock Condition 33265 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

Image may be representation. See specifications for product details.

PART NUMBER PI6C49S1510AZDIEX  MANUFACTURER DIODES Incorporated  DESCRIPTION IC CLOCK BUFFER MUX 3:11 4BTQFN  LEAD FREE STATUS / ROHS STATUS LEad free / ROHS Compliant  QUANTITY AVAILABLE 33265 pcs  DATA SHEET PIRC4SSISSISSISSISSISSISSISSISSISSISSISSISSI		Specifications of PI6C49S1510AZDIEX
MANUFACTURER         Diodes Incorporated           DESCRIPTION         IC CLOCK BUFFER MLX 3:11 48TQFN           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           QUANTITY AVAILABLE         33265 pcs           DATA SHEET         Tail PIGC49SIS10AZDIEX.pdf           VOLTAGE - SUPPLY         2.375 V ~ 3.465 V           TYPE         FOROUTE (Distribution)           SUPPLIER DEVICE PACKAGE         48-TQFN (7x7)           SERIES         -           RATIO - INPUT: OUTPUT         3:21           PACKAGE/ CASE         48-VFQFN Exposed Pad           OUTPUT         HCSL, LVCMOS, LVDS, LVPECL           OTHER NAMES         PIGC49SIS10AZDIEX.PD           OPERATING TEMPERATURE         40°C ~ 85°C (TA)           NUMBER OF CIRCUITS         1           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           INPUT         Crystal           FREQUENCY - MAX         1.5GHz           DIFFERENTIAL I INPUT: OUTPUT         No/Yes		
DESCRIPTION         IC CLOCK BUFFER MUX 3:11 48TQFN           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           QUANTITY AVAILABLE         33265 pcs           DATA SHEET         Implectags1510AZDIEX.pdf           VOLTAGE - SUPPLY         2.375 V ~ 3.465 V           TYPE         Fanout Buffer (Distribution)           SUPPLIER DEVICE PACKAGE         48-TQFN (7x7)           SERIES         -           RATIO - INPUT: OUTPUT         3:21           PACKAGING         Tape & Reel (TR)           PACKAGE/ CASE         48-VFQFN Exposed Pad           OUTPUT         OTHER NAMES           OPERATING TEMPERATURE         +0°C ~ 85°C (TA)           NUMBER OF CIRCUITS         1           MOUNTING TYPE         SUrface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           INPUT         Crystal           FREQUENCY - MAX         1.5GHz           DIFFERENTIAL - INPUT:OUTPUT         NOYES	PART NUMBER	PI6C49S1510AZDIEX
LEAD FREE STATUS / ROHS STATUS       Lead free / ROHS Compliant         QUANTITY AVAILABLE       33265 pcs         DATA SHEET       1916C49S1510AZDIEX.pdf         VOLTAGE - SUPPLY       2.375 V ~ 3.465 V         TYPE       Fanout Buffer (Distribution)         SUPPLIER DEVICE PACKAGE       48-TQFN (7x7)         SERIES       -         RATIO - INPUT: OUTPUT       3:21         PACKAGING       Tape & Reel (TR)         PACKAGE / CASE       48-VFQFN Exposed Pad         OUTPUT       HCSL, LVCMOS, LVDS, LVPECL         OTHER NAMES       PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEX-DITR         OPERATING TEMPERATURE       40°C ~ 85°C (TA)         MUMBER OF CIRCUITS       1         MOUNTING TYPE       Surface Mount         MOISTURE SENSITIVITY LEVEL (MSL)       1 (Unlimited)         LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         INPUT       Crystal         FREQUENCY - MAX       1.5GHz         DIFFERENTIAL - INPUT: OUTPUT       No/Yes	MANUFACTURER	Diodes Incorporated
QUANTITY AVAILABLE       33265 pcs         DATA SHEET       PIGC49S1510AZDIEX.pdf         VOLTAGE - SUPPLY       2.375 V ~ 3.465 V         TYPE       Fanout Buffer (Distribution)         SUPPLIER DEVICE PACKAGE       48-TQFN (7x7)         SERIES       -         RATIO - INPUT: OUTPUT       3:21         PACKAGING       Tape & Reel (TR)         PACKAGE / CASE       48-VFQFN Exposed Pad         OUTPUT       HCSL, LVCMOS, LVDS, LVPECL         OTHER NAMES       16C4951510AZDIEX.ND PIGC4951510AZDIEX.DT PIGC4951510AZDIEX.DTR         OPERATING TEMPERATURE       -40°C ~ 85°C (TA)         NUMBER OF CIRCUITS       1 (Unlimited)         MOUSTURE SENSITIVITY LEVEL (MSL)       1 (Unlimited)         MOISTURE SENSITIVITY LEVEL (MSL)       Lead free / RoHS Compliant         INPUT       Crystal         FREQUENCY - MAX       1.5GHZ         DIFFERENTIAL - INPUT: OUTPUT       NO/Yes	DESCRIPTION	IC CLOCK BUFFER MUX 3:11 48TQFN
DATA SHEET  DATA SHEET  VOLTAGE - SUPPLY  2.375 V ~ 3.465 V  TYPE  Fanout Buffer (Distribution)  SUPPLIER DEVICE PACKAGE  48-TQFN (7x7)  SERIES  RATIO - INPUT: OUTPUT  3.21  PACKAGING  PACKAGING  PACKAGING  PACKAGE / CASE  48-VFQFN Exposed Pad  OUTPUT  HCSL, LVCMOS, LVDS, LVPECL  OTHER NAMES  PIGC4951510AZDIEX-ND PIGC4951510AZDIEX-ND PIGC4951510AZDIEX-ND PIGC4951510AZDIEX-ND NUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUSTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEad free / ROHS Compliant  INPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  1.375 V ~ 3.465 V  A-9 C ~ 8.5° C (TA)  INCIPCT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  NO/Yes	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
VOLTAGE - SUPPLY         2.375 V ~ 3.465 V           TYPE         Fanout Buffer (Distribution)           SUPPLIER DEVICE PACKAGE         48-TQFN (7x7)           SERIES         -           RATIO - INPUT: OUTPUT         3:21           PACKAGING         Tape & Reel (TR)           PACKAGE / CASE         48-VFQFN Exposed Pad           OUTPUT         HCSL, LVCMOS, LVDS, LVPECL           OTHER NAMES         PIGC49S1510AZDIEX-ND PIGC49S1510AZDIEX-ND PIGC49S1510AZDIEX-ND PIGC49S1510AZDIEXDITR           OPERATING TEMPERATURE         -40°C ~ 85°C (TA)           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           INPUT         Crystal           FREQUENCY - MAX         1.5GHz           DIFFERENTIAL - INPUT: OUTPUT         NO/Yes	QUANTITY AVAILABLE	33265 pcs
Fanout Buffer (Distribution)  SUPPLIER DEVICE PACKAGE  48-TQFN (7x7)  SERIES  RATIO - INPUT:OUTPUT  3:21  PACKAGGING  PACKAGGING  PACKAGE / CASE  48-VFQFN Exposed Pad  OUTPUT  HCSL, LVCMOS, LVDSC, LVPECL  OTHER NAMES  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  MUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUSTURE SENSITIVITY LEVEL (MSL)  I (Unlimited)  LEAD FREE STATUS / ROHS STATUS  LEAD free / ROHS Compliant  INPUT  Crystal  FREQUENCY - MAX  NO/Yes	DATA SHEET	PI6C49S1510AZDIEX.pdf
SUPPLIER DEVICE PACKAGE  848-TQFN (7x7)  SERIES  RATIO - INPUT: OUTPUT  3:21  PACKAGING  PACKAGING  PACKAGE / CASE  48-VQFN Exposed Pad  OUTPUT  HCSL, LVCMOS, LVPECL  OTHER NAMES  OPERATING TEMPERATURE  NUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  INPUT  Cystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  A8-VFQFN Exposed Pad  48-VGPN (7x7)  A9-CA SR-C (TR)  Tape & Reel (TR)  A9-CA SR-C (TA)  A9-CA SR-C (TA)  LEAD free / ROHS Compliant  INPUT  Cystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  NO/YES	VOLTAGE - SUPPLY	2.375 V ~ 3.465 V
SERIES RATIO - INPUT: OUTPUT 3:21  PACKAGING Tape & Reel (TR)  PACKAGE / CASE 48-VFQFN Exposed Pad  OUTPUT HCSL, LVCMOS, LVDS, LVPECL  OTHER NAMES PIGC 49S1510AZDIEX-ND PIGC49S1510AZDIEX-ND PIGC49S1510AZDIEXDITR  OPERATING TEMPERATURE 40°C ~ 85°C (TA)  NUMBER OF CIRCUITS 1 MOUNTING TYPE Surface Mount MOISTURE SENSITIVITY LEVEL (MSL) LEAD FREE STATUS / ROHS STATUS LEad free / ROHS Compliant INPUT Crystal  FREQUENCY - MAX DIFFERENTIAL - INPUT: OUTPUT  NO/YES	TYPE	Fanout Buffer (Distribution)
RATIO - INPUT: OUTPUT  PACKAGING  PACKAGE / CASE  A8-VPQFN Exposed Pad  OUTPUT  HCSL, LVCMOS, LVDS, LVPECL  OTHER NAMES  PIEC4991510AZDIEX-ND PIEC4991510AZDIEXDITR  OPERATING TEMPERATURE  A0°C ~ 85°C (TA)  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  INPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  3:21  A8-VPQFN Exposed Pad  A8-	SUPPLIER DEVICE PACKAGE	48-TQFN (7x7)
PACKAGING PACKAGE / CASE 48-VFQFN Exposed Pad  OUTPUT HCSL, LVCMOS, LVDS, LVPECL  OTHER NAMES PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEXDITR  OPERATING TEMPERATURE  A0°C ~ 85°C (TA)  MUMBER OF CIRCUITS  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  INPUT  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  NO/YES	SERIES	-
PACKAGE / CASE  48-VFQFN Exposed Pad  OUTPUT  HCSL, LVCMOS, LVDS, LVPECL  OTHER NAMES  PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEX-ND PI6C49S1510AZDIEXDITR  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF CIRCUITS  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  TNPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  NO/Yes	RATIO - INPUT:OUTPUT	3:21
OUTPUT  CHER NAMES  CHER NAMES  COPERATING TEMPERATURE  COPERATING TEMPERATURE  MOUNTING TYPE  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  MCISTURE SENSITIVE (MSL)  MOISTURE SENSITIVE (MSL)  Crystal  MOYES  MOYES	PACKAGING	Tape & Reel (TR)
OTHER NAMES  PIGC49S1510AZDIEX-ND PIGC49S1510AZDIEXDITR  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF CIRCUITS  1  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAd free / RoHS Compliant  INPUT  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  NO/YES	PACKAGE / CASE	48-VFQFN Exposed Pad
PI6C49S1510AZDIEXDITR  OPERATING TEMPERATURE -40°C ~ 85°C (TA)  NUMBER OF CIRCUITS 1  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  INPUT Crystal  FREQUENCY - MAX 1.5GHz  DIFFERENTIAL - INPUT: OUTPUT No/Yes	OUTPUT	HCSL, LVCMOS, LVDS, LVPECL
NUMBER OF CIRCUITS  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  INPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  No/Yes	OTHER NAMES	
MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAd free / RoHS Compliant  INPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  No/Yes	OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  No/Yes	NUMBER OF CIRCUITS	1
LEAD FREE STATUS / ROHS STATUS  INPUT  Crystal  FREQUENCY - MAX  DIFFERENTIAL - INPUT: OUTPUT  No/Yes	MOUNTING TYPE	Surface Mount
INPUT Crystal FREQUENCY - MAX 1.5GHz DIFFERENTIAL - INPUT:OUTPUT No/Yes	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
FREQUENCY - MAX 1.5GHz DIFFERENTIAL - INPUT:OUTPUT No/Yes	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DIFFERENTIAL - INPUT:OUTPUT No/Yes	INPUT	Crystal
	FREQUENCY - MAX	1.5GHz
DETAILED DESCRIPTION Clock Fanout Buffer (Distribution) IC 3:21 1.5GHz 48-VFQFN Exposed Pad	DIFFERENTIAL - INPUT:OUTPUT	No/Yes
	DETAILED DESCRIPTION	Clock Fanout Buffer (Distribution) IC 3:21 1.5GHz 48-VFQFN Exposed Pad

### **Related Tags**

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Zetex Semiconductors (Diodes Incorporated) PI6C49S1510AZDIEX		

# **Related Products**



## PI6C4931504-04LIEX

Manufacturers: Diodes Incorporated

Description: IC CLOCK BUFFER MUX 2:4 20TSSOP

In stock: 68662 pcs

**RFQ** 

**PI6C49S1510ZDIE9** Manufacturers: Diodes Incorporated

Description: IC CLOCK BUFFER MUX 3:11 48TQFN In stock: 6021 pcs

**RFQ** 

**PI6C49S1506FAIEX** 



DIODES PERICOM INC.

Manufacturers: Diodes Incorporated Description: IC CLOCK BUFFER MUX 3:11 48TQFN

In stock: 3400 pcs **RFQ** 

DIODES PERICOM THE

DIODES PERICOM INC.

Manufacturers: Diodes Incorporated

Description: IC CLOCK BUFFER MUX 3:6 32TQFN In stock: 46420 pcs

**RFQ** 



DIODES PERICOM THE

Description: IC CLOCK BUFFER 3:4 28TSSOP

In stock: 24364 pcs

**RFQ** 



## **PI6C49X0202WIE**

Manufacturers: Diodes Incorporated Description: IC CLOCK BUFFER 1:2 250MHZ 8SOIC

In stock: 34444 pcs

**RFQ** 

# **PI6C49S1506FAIE**

DIODES PERICOM INC.

Manufacturers: Diodes Incorporated Description: IC CLOCK BUFFER MUX 3:6 32TQFN

In stock: 23997 pcs

**RFQ** 



## **PI6C49X0201WIEX**

Manufacturers: Diodes Incorporated Description: IC TRNSLTR UNIDIRECTIONAL 8SOIC

In stock: 84194 pcs

**RFQ** 

#### **PI6C49S1504LIEX** Manufacturers: Diodes Incorporated

DIODES PERICOM INC.

Description: IC CLOCK BUFFER 3:4 28TSSOP In stock: 48307 pcs

**RFQ** 



#### PI6C4931504-04LIE Manufacturers: Diodes Incorporated

In stock: 32571 pcs

Description: IC CLOCK BUFFER MUX 2:4 20TSSOP

**RFQ** 

**PI6C49X0201WIE** 

**PI6C49S1510ZDIEX** 

DIODES PERICOM INC.

Manufacturers: Diodes Incorporated Description: IC CLOCK BUFFER MUX 3:11 48TQFN

In stock: 2814 pcs **RFQ** 



Description: IC TRNSLTR UNIDIRECTIONAL 8SOIC

Manufacturers: Diodes Incorporated

**RFQ** 

In stock: 31993 pcs



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