# **ADUM1201CR** Details PDF







Image may be representation. See specifications for product details.

# **ADUM1201CR**

Part Number:	ADUM1201CR
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	DGTL ISO 2.5KV GEN PURP 8SOIC
Datasheets:	DUM1201CR.pdf
RoHs Status	Contains lead / RoHS non-compliant
Stock Condition	15296 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

## **REQUEST FOR QUOTATION**

## Specifications of ADUM1201CR

PART NUMBERADURI2DICNAUVERCTURERACIA (alcologica, inc.)DECRIPTIONCRIA (alcologica, inc.)LEAD ESTATUS / ROUS STATUSCRIA (SUS CON PURP ISCUE)QUANTTY VALIABLEDS posCOLTAGE STATUSCRIA (SUS CON PURP ISCUE)VICTAGE - SOLUTIONCRIA (SUS CON PURP ISCUE)VICTAGE - SOLUTIONCRIA (SUS CON PURP ISCUE)VICTAGE - SOLUTIONCRIA (SUS CON PURP ISCUE)STREIN CON CON CON PURP ISCUE AS (SUS CON PURP ISCUE)CRIA (SUS CON PURP ISCUE)STREIN CON CON CON CON CON CON CON CON CON CO		
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LAD FREE STATUS / RONE STATUSContains lead / RoM Sono-compliantQUANTLY AVALABLE5296 pcDATA SHEFT© ADMILIQUER, RoMVOLTAGE - SUPPLY207 × 5.5 VVOLTAGE - ISOLATION200 VmsTYPEGeneral PurposeTECHNOLOGYMagdic CouplingSUPPLIER DEVICE PACKAGESolo CouplingSUPPLIER DEVICE PACKAGECouplerSolSTRESCouplerSolPULSE VIDTH DISTORTION (MAX)Solo CouplingPRACHAGE / CASESolo CouplingPRACHAGE / CASESolo CouplingPACKAGE / CASESolo CouplingNUMERE OF CHANNELSSolo CouplingNUMERE OF CHANNELSSolo CouplingNUMERE OF CHANNELSCouplingNUMERE OF CHANNELSCoupling CouplingNUMERE OF CHANNELSCoupling CouplingNUMERE OF CHANNELSNoNUMERE OF CHANNELSSolo Coupling Coupling Coupling Coupling CouplingNUMERE OF CHANNELSCoupling Coupling	MANUFACTURER	ADI (Analog Devices, Inc.)
QAMITY ANAIABLE1526 pcsDATA SHEFTGADMI20ICR, pdfVOLTAGE - SUPPLY274 > 5.5 VVOLTAGE - SOLATION260VmsTEVIN COLORYMante CouplingTEVIN COLORY8-001SUPLIER DEVICE PACKAGE8-001SUPLIER STATUST LEVEL (SISL)0.101SUPLIER STATUST ADALS101SUPLIER DEVICE PACKAGE101SUPLIER DEVICE PACKAGE9-001SUPLIER DEVICE PACKAGE9-001<	DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
Data SHEFTis ADM1201CR.pdfVoltace - SupPLY2.7 < > S.VVoltace - SupPLY260VmsTCPEGeneral PurposeTCHNOLOGYMandeic CoupIngSUPPLIER DEVICE PACKAGE8-00CSUPPLIER DEVICE PACKAGECouplengSUPPLIER DEVICE PACKAGESoloSUPPLIER DEVICE PACKAGESoloSUPPLIER DEVICE PACKAGESoloSUPPLIER DEVICE PACKAGESoloSUPPLIER DEVICE PACKAGESoloSUPPLIER DEVICE PACKAGESoloPULSE WIDTH DISTORTION (MAX)Sins 45PACKAGINGTubPACKAGINGSolo (154°, 3.90mm Width)PACKAGE CASESolo (154°, 3.90mm Width)OPERATING TEMPERATURE-0°C < 105°C	LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
Votrage supperZi 7x 55 VVotrage supperSupVmsTYPEGeneral PurposeTGHNOLOYManetic CouplingSupPiter Device PackageSolocSupper Device PackageS	QUANTITY AVAILABLE	15296 pcs
VCITAGE - ISOLATION200VmmTYPEGenal PurposeTGCHNOLOGYMajela CouplingSUPLIER PEVICE PACKAGES-SOLSUPLIER DEVICE PACKAGECouple®RERESCouple®PULSE WOTH DISTORTION (MAX)SAPROPAGATION PELLY THAL (MAX)Ans.45PROPAGATION PELLY THAL (MAX)SOLPACKAGE CASESOLCO (SAT, SA)SMIN WIGHT)PACKAGE CASESOLCO (SAT, SA)SMIN WIGHT)PACKAGE CASESOLCO (SAT, SA)SMIN WIGHT)PARATER THATE CASESOLCO (SA)SMIN WIGHT)PARATER THATE CASE CASESOLCO (SA)SMIN CASE CASE CASE CASE CASE CASE CASE CASE	DATA SHEET	ADUM1201CR.pdf
TYPEGenar PurposeTCHNOLOGYMajata CouplingSUPLIER DEVICE PACKAGESOCSUPLIER DEVICE PACKAGECoupe®STESCoupe®RISE / FALL TIME (TYP)Sins 2.5 s.PUGE WIDTH DISTORTION (MAX)Sins 4.5 s.PORAGATION DELAY TPLH / TPHL (MAX)Sins 4.5 s.PACKAGINOSOC (D.5 s.*, 3.5 om Width)PACKAGINOSOC (D.5 s.*, 3.5 om Width)PORAGATION TEMPERATURESIGO (D.5 s.*, 3.5 om Width)NUMBER OF CHANNELSSIGO (D.5 s.*, 3.5 om Width)NUMBER OF CHANNELSSIG (D.5 s.*, 3.5 om Width)NUMBER OF CHANNELSIndimited Marcine CompliantNUMBER OF CHANNELSSins (D. S.*, S.*, S.*, S.*, S.*, S.*, S.*, S.*	VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
TechNoLOGYMagnet CouplingSUPPLIER DEVICE PACKAGE8-SOCSURPLER DEVICE PACKAGECouple®SERESCouple®RISE / FALL TIME (TYP)2.5rs, 2.5rsPUGE WIDTH DISTORTION (MAX)SR, 45RsPORAGATION DELAY TPLH / TPHL (MAX)ForPACKAGINGTouPACKAGING-SOC (0.51%, 3.00m Width)PORAGATION TEMPERATURE-SOC (0.51%, 3.00m Width)NUMBER OF CHANNELS-SOC (0.51%, 3.00m Width)NUMBER OF CHANNELS-SOC (0.51%, 3.00m Width)NUMBER OF CHANNELS-SOC (0.51%, 3.00m Width)INDURT TYPE-SOC (0.51%, 3.00m Width)NUNTING TYPE-SOC (0.51%, 3.00m Width)ISCLATED FOWER-SOC (0.51%, 3.00m Width)ISCLATED FOWER-SOC (0.51%, 3.00m Width)INTURS - SIGNITYTY LEVEL (MSL)-SOC (0.51%, 3.00m Width)ISCLATED FOWER-SOC (0.51%, 3.00m Width)	VOLTAGE - ISOLATION	2500Vrms
Supplier Device Packagesector Device Dev	ТҮРЕ	General Purpose
SERIESiOde/eaRISE / FALL TIME (TYP)25x, 25xPUGE WIDTH DISTORTION (MAX)3xPOPAGATION CELAY TPLH (MAX)3x, 45xPACKAGINGToPACKAGE / CASE6>CO (15x, 30, 90m Width)OPERATING TEMPERATURE40°C 10°C 10°C 10°C 10°C 10°C 10°C 10°C 1	TECHNOLOGY	Magnetic Coupling
RISE / FALL TIME (TYP)2.5ns 2.5nsPILSE WIDTH DISTORTION (MAX)3nsPROPAGATION DELAY TPLH (MAX)45ns 45nsPACKAGINGTbePACKAGE / CASE6SOIC (D.54%, 3.90mm Width)PACKAGE / CASE- 40°C ~ 10°CNUMBER OF CHANNELS- 40°C ~ 10°CMUNTING TYPE- 40°C ~ 10°CNUTING TYPE- 6Tain Iead / CaseNOSTURE SENSITIVITY LEVEL (MSL)- 6Tain Iead / CaseISOLATED FOWER- 6Tain Iead / CaseISOLATED SCRUTTY LEVEL (MSL)- 6Tain Iead / CaseISOLATED SCRUTTY- 6TAIN IEAD / CASEISOLATED SCRUTTY <t< td=""><td>SUPPLIER DEVICE PACKAGE</td><td>8-SOIC</td></t<>	SUPPLIER DEVICE PACKAGE	8-SOIC
PULSE WIDTH DISTORTION (MAX)3msPROPAGATION DELAY TPLH ( TPHL (MAX)4ms, 45msPACKAGINGTubePACKAGING6NOI (0.154", 0.90mm Width)OPERATING TEMPERATURE4mo C · 10%CNUMBER OF CHANNELS2MOUNTING TYPESurface MountNOSTURE SENSITIVIT LEVEL (MSL)I (1.01mited)IEAD FREE STATUS / ROHS STATUSNoISOLATED POWERNoIPUTS - SIDE 1/SIDE 2NoIPUTS - SIDE 1/SIDE 2J1ICATARTESomm Width ISolator 2500Vrms 2 Channel 25Mbps 25M/µS CMTI 8-SOLATORSICAMON MODE TRANSIENT IMMUNITY (MIN)SkVµsINDIRCE IMANDEL TIPPEIndirectional	SERIES	iCoupler®
PROPAGATION DELAY TPHL (MAX)4sna 4sna 4sna 4sna 4sna 4sna 4sna 4sna	RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PACKAGINGTubePACKAGI CASE6-SOC (0.54%, 3.90m Width)OPERATING TEMPERATURE4-0° - 0.5°CNUMBER OF CHANNELS2MOUTING TYPE0MOISTURE SENSITIVITY LEVEL (MSL)0I Collaided And Case of	PULSE WIDTH DISTORTION (MAX)	3ns
AckAGE / CASEB-SOE (0.154°, 3.00m Width)PACKAGE / CASE- 40°C 105°COPERATING TEMPERATURE- 40°C 105°CNUMBER OF CHANNELS2MOUTING TYPE- 61/G 100°CMOSTURE SENSITIVITY LEVEL (MSL)- 10/InitedI CADE RES STATUS / ROHS STATUS- Colasi Read / RohsI SOLATED POWER- 10I SOLATED POWER- 10I STATUS / SOLATION- 10I STATUS / SOLATION- 10I STATUS / SOLATION- 10I SOLATED POWER- 10 </td <td>PROPAGATION DELAY TPLH / TPHL (MAX)</td> <td>45ns, 45ns</td>	PROPAGATION DELAY TPLH / TPHL (MAX)	45ns, 45ns
OPERATING TEMPERATURE40°C ~ 105°CNUMBER OF CHANNELS2MOUNTING TYPESuface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unimited)LEAD FREE STATUS / ROHS STATUSCotains lead / ROHS non-compliantISOLATED POWERNoIPTILED DESCRIPTION1/1DETAILED DESCRIPTIONSimm Width Solator 2500Vms 25kV/µs CMTI & SOLATOS 1000000000000000000000000000000000000	PACKAGING	Tube
NUMBER OF CHANNELS2NOUNTING TYPESuface MountMOISTURE SENSITIVIT LEVEL (MSL)I (Unimical)LEAD FREE STATUS / ROHS STATUSOtalis lead / RohS non-compliantISOLATED POWERNoINPUTS - SIDE 1/SIDE 2IDETAILED DESCRIPTIONSingenschlicht Status / Subschlicht Status / Subschlich	PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
MOUNTING TYPEBuface MountMOUNTING TYPESufface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Ulmited)LEAD FREE STATUS / ROHS STATUSContaine Land / RoHS non-compliantISOLATED POWERNoINPUTS - SIDE 1/SIDE 21/1DETAILED DESCRIPTIONSoffare Powers 2 Softwards 2 Sof	OPERATING TEMPERATURE	-40°C ~ 105°C
MOSTURE SENSITIVIT LEVEL (MSL)     1 (Inimited)       LEAD FREE STATUS / ROHS STATUS     Contain Send / RohS non-compliant       ISOLATED POWER     No       INPUTS - SIDE 1/SIDE 2     1/1       DETARLED DESCRIPTION     Sender Description Sender Send	NUMBER OF CHANNELS	2
LAD FREE STATUS / ROHS STATUSContains lead / RoHS non-compliantISOLATED POWERNoINPUTS - SIDE 1/SIDE 2/1DETAILED DESCRIPTIONSeneral Purpose Digital Isolator 2500Vrms 2 StMups 25KV/up SCMUT 8-SOIC (0.154")DATA RATESMpsCOMMON MODE TRANSIENT IMMUNITY (MIN)SkV/upaHANNEL TYPEUniterctional	MOUNTING TYPE	Surface Mount
ISOLATED POWER     No       INPUTS - SIDE 1/SIDE 2     1/1       DETAILED DESCRIPTION     General Support Suport Support Support Sup	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
INPUTS - SIDE 1/SIDE 21/1DETAILED DESCRIPTIONGeneral Purpose Displata Isolator 2500Vrms 2 SDM/pas 25KV/pas SDM (0.154*)DATA RATESDMpsCOMMON MODE TRANSIENT IMMUNITY (MIN)StM/pasCHANNEL TYPEUndirectional	LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DETAILED DESCRIPTION   General Purpose Digital Isolator 2500Vrms 2 Channel 25Mbps 25kV/µs CMTI 8-SOII (0.154*)     DATA RATE   25Mbps     COMMON TRANSIENT IMMUNITY (MIN)   25kV/µs     DHANNEL TYPE   Unidirectional	ISOLATED POWER	No
DATA RATE 25Mbps   COMMON MODE TRANSIENT IMMUNITY (MIN) 25kV/µs   CHANNEL TYPE Unidirectional	INPUTS - SIDE 1/SIDE 2	1/1
COMMON MODE TRANSIENT IMMUNITY (MIN) 25kV/μs   CHANNEL TYPE Unidirectional	DETAILED DESCRIPTION	
CHANNEL TYPE Unidirectional	DATA RATE	25Mbps
	COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/µs
BASE PART NUMBER ADUM1201	CHANNEL TYPE	Unidirectional
	BASE PART NUMBER	ADUM1201

# **Related Tags**

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# **Related Products**



#### ADUM1201ARZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 35720 pcs

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#### ADUM1201WSRZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: IC DGTL ISO 2CH LOGIC 8SOIC In stock: 42278 pcs

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## ADUM1201WSRZ33-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 4948 pcs

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# ADUM1201CRZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 56811 pcs

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#### ADUM1201WSRZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 24608 pcs

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## ADUM1201BRZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 24864 pcs

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Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 32867 pcs

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#### ADUM1201WSRZ33

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 3531 pcs

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#### ADUM1201BR

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 14819 pcs

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#### ADUM1201CRZ

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 28422 pcs

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# ADUM1201ARZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 54594 pcs

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#### ADUM1201BRZ-RL7

Manufacturers: ADI (Analog Devices, Inc.) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 59755 pcs

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