## Image may be representation. See specifications for product details.

## TLC372IDG4

Part Number:

Manufacturer/Brand:

Product description

Datasheets: RoHs Status

Stock Condition

Shipment Way

Ship From

N/A

TLC372IDG4

IC DIFF COMP DUAL 8-SOIC

Lead free / RoHS Compliant

132338 pcs stock Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

PART NUMBER         TLC372IDG4           MANUFACTURER         N/A           DESCRIPTION         TC DIFF COMP DUAL 8-SOIC           LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           QUANTITY AVAILABLE         32338 pcs           DATA SHEET STATUS         3 V ~ 16 V, ± 1.5 V ~ 8 V           VOLTACE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ± 1.5 V ~ 8 V           VOLTACE - INPUT OFFSET (MAX)         5mV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LINCMOS**           PACKAGING         Tube           PACKAGING         Tube           PACKAGING         8-SOIC (0.154*, 3.90mm Width)           OUPFUT TYPE         OPERATING TEMPERATURE           OPERATING TEMPERATURE         40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOINTING TYPE         Surface Mount           MOINTING TYPE         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCRIT (MAX)         400µA <tr< th=""><th></th><th>Specifications of TLC372IDG4</th></tr<>		Specifications of TLC372IDG4
MANUFACTURER         N/A           DESCRIPTION         1C DIFF COMP DUAL 8-SOIC           LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           QUANTITY AVAILABLE         132338 pcs           DATA SHEET         VCLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ±1.5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAX)         5mV ⊕ 5V           TYPE         Differential           SUPLIER DEVICE PACKAGE         8-SOIC           SERIES         LincMOS'*           PROFACACINI DELAY (MAX)         -           PACKAGING         Tube           PACKAGING         8-SOIC (0.154", 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TIL           OUTPUT TYPE         CMOS, MOS, Open-Drain, TIL           MUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOINTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - UNTPUT ELAS (MAX)         50mA           CURRENT - INPUT BLAS (MAX)         50mA<		
DESCRIPTION         IC DIFF COMP DUAL 8-SOIC           LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           QUANTITY AVAILABLE         13238 pcs           DATA SHEET         VOLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ±1.5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAXY)         5mV ⊕ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LinCMOS™           PROPAGATION DELAY (MAX)         1-           PACKAGING         Tube           PACKAGE / CASE         8-SOIC (0.154*) 3.99mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         40°C ~ 85°C           MOUNTING TEMPERATURE         40°C ~ 85°C           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - OUTPUT (TYP)         20mA           CURRENT - INPUT BIAS (MAX)         5A ® 5V	PART NUMBER	TLC372IDG4
LEAD FREE STATUS / ROHS STATUS         Lead free / RoHS Compliant           QUANTITY AVAILABLE         132338 pcs           DATA SHEET         VOLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ±1,5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAX)         5mV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LinCMOS™           PRCKAGING         Tube           PACKAGING         4-SOIC (0.154*), 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - INPUT BIAS (MAX)         5PA @ 5V           CURRENT - INPUT BIAS (MAX)         5PA @ 5V	MANUFACTURER	N/A
QUANTITY AVAILABLE         132338 pcs           DATA SHEET         VOLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ± 1.5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAX)         5mV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LINCMOS"           PROPAGATION DELAY (MAX)         -           PACKAGING         Tube           PACKAGING         8-SOIC (0.154", 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - OUTPUT (TYP)         20mA           CURRENT - INPUT BIAS (MAX)         5pA @ 5V	DESCRIPTION	IC DIFF COMP DUAL 8-SOIC
DATA SHEET           VOLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ±1.5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAX)         5mV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LinCMOS™           PROPAGATION DELAY (MAX)         -           PACKAGING         Tube           PACKAGE, CASE         8-SOIC (0.154*, 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         -40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - OUTPUT (TYP)         20mA           CURRENT - INPUT BIAS (MAX)         5A @ 5V           CMRENT - SPER (TYP)         -	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
VOLTAGE - SUPPLY, SINGLE/DUAL (±)         3 V ~ 16 V, ± 1.5 V ~ 8 V           VOLTAGE - INPUT OFFSET (MAX)         5MV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LINCMOS™           PROPAGATION DELAY (MAX)         -           PACKAGE, CASE         8-SOIC (0.154*, 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         -40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - OUTPUT (TYP)         20mA           CURRENT - INPUT BIAS (MAX)         5A @ 5V           CMRENT - SPRR (TYP)         -	QUANTITY AVAILABLE	132338 pcs
VOLTAGE - INPUT OFFSET (MAX)         SmV @ 5V           TYPE         Differential           SUPPLIER DEVICE PACKAGE         8-SOIC           SERIES         LINCMOS <sup>IM</sup> PROPAGATION DELAY (MAX)         -           PACKAGING         Tube           PACKAGE / CASE         8-SOIC (0.154", 3.90mm Width)           OUTPUT TYPE         CMOS, MOS, Open-Drain, TTL           OPERATING TEMPERATURE         40°C ~ 85°C           NUMBER OF ELEMENTS         2           MOUNTING TYPE         Surface Mount           MOISTURE SENSITIVITY LEVEL (MSL)         1 (Unlimited)           LEAD FREE STATUS / ROHS STATUS         Lead free / ROHS Compliant           HYSTERESIS         -           DETAILED DESCRIPTION         Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC           CURRENT - QUIESCENT (MAX)         400µA           CURRENT - OUTPUT (TYP)         20mA           CURRENT - INPUT BIAS (MAX)         5pA @ 5V           CMR, PSRR (TYP)         -	DATA SHEET	
TYPEDifferentialSUPPLIER DEVICE PACKAGE8-SOICSERIESLinCMOS™PROPAGATION DELAY (MAX)-PACKAGINGTubePACKAGE / CASE8-SOIC (0.154", 3.90mm Width)OUTPUT TYPECMOS, MOS, Open-Drain, TTLOPERATING TEMPERATURE40°C ~ 85°CNUMBER OF ELEMENTS2MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantHYSTERESIS-DETAILED DESCRIPTIONComparator Differential CMOS, MOS, Open-Drain, TTL 8-SOICCURRENT - QUIESCENT (MAX)400μACURRENT - OUTPUT (TYP)20mACURRENT - INPUT BIAS (MAX)5pA @ 5VCMRR, PSRR (TYP)-	VOLTAGE - SUPPLY, SINGLE/DUAL (±)	3 V ~ 16 V, ±1.5 V ~ 8 V
SUPPLIER DEVICE PACKAGE8-SOICSERIESLinCMOS™PROPAGATION DELAY (MAX)-PACKAGINGTubePACKAGE / CASE8-SOIC (0.154", 3.90mm Width)OUTPUT TYPECMOS, MOS, Open-Drain, TTLOPERATING TEMPERATURE40°C ~ 85°CNUMBER OF ELEMENTS2MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantHYSTERESIS-DETAILED DESCRIPTIONComparator Differential CMOS, MOS, Open-Drain, TTL 8-SOICCURRENT - QUIESCENT (MAX)400µACURRENT - OUTPUT (TYP)20mACURRENT - INPUT BIAS (MAX)5pA @ 5VCMRR, PSRR (TYP)-	VOLTAGE - INPUT OFFSET (MAX)	5mV @ 5V
SERIESLinCMOS™PROPAGATION DELAY (MAX)-PACKAGINGTubePACKAGE / CASE8-SOIC (0.154", 3.90mm Width)OUTPUT TYPECMOS, MOS, Open-Drain, TTLOPERATING TEMPERATURE-40°C ~ 85°CNUMBER OF ELEMENTS2MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)1 (Unlimited)LEAD FREE STATUS / ROHS STATUSLead free / ROHS CompliantHYSTERESIS-DETAILED DESCRIPTIONComparator Differential CMOS, MOS, Open-Drain, TTL 8-SOICCURRENT - QUIESCENT (MAX)400µACURRENT - OUTPUT (TYP)20mACURRENT - INPUT BIAS (MAX)5pA @ 5VCMRR, PSRR (TYP)-	TYPE	Differential
PROPAGATION DELAY (MAX)  PACKAGING  Tube  PACKAGE / CASE  8-SOIC (0.154", 3.90mm Width)  OUTPUT TYPE  CMOS, MOS, Open-Drain, TTL  OPERATING TEMPERATURE  NUMBER OF ELEMENTS  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAd free / ROHS Compliant  HYSTERESIS  DETAILED DESCRIPTION  COMPARATOR DIFFERENTIAL (MAX)  CURRENT - QUIESCENT (MAX)  CURRENT - OUTPUT (TYP)  OMA  CURRENT - INPUT BIAS (MAX)  CHASSING  TUBE  TUBE  TUBE  AUGUSTA 3.90mm Width)  AUGUSTA 3.90mm Width)  AUGUSTA 3.90mm Width)  AUGUSTA 3.90mm Width)  AUGUSTA 8.5°C  AUGUSTA 8.5°C  AUGUSTA 8.5°C  AUGUSTA 8.5°C  AUGUSTA 6.00ml  AUGUSTA 6.00	SUPPLIER DEVICE PACKAGE	8-SOIC
PACKAGING Tube  PACKAGE / CASE 8-SOIC (0.154", 3.90mm Width)  OUTPUT TYPE CMOS, MOS, Open-Drain, TTL  OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF ELEMENTS 2  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  HYSTERESIS -  DETAILED DESCRIPTION Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX) 400µA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5PA @ 5V  CMRR, PSRR (TYP)	SERIES	LinCMOS™
PACKAGE / CASE  OUTPUT TYPE  CMOS, MOS, OPEN-Drain, TTL  OPERATING TEMPERATURE  A0°C ~ 85°C  NUMBER OF ELEMENTS  EMOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUNTING TYPE  MOUSTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  DETAILED DESCRIPTION  COmparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX)  CURRENT - OUTPUT (TYP)  CURRENT - INPUT BIAS (MAX)  CURRENT - INPUT BIAS (MAX)  CHAPS A 95 V  CMORS, PSRR (TYP)	PROPAGATION DELAY (MAX)	-
OUTPUT TYPE  CMOS, MOS, Open-Drain, TTL  OPERATING TEMPERATURE  NUMBER OF ELEMENTS  2  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  DETAILED DESCRIPTION  Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX)  CURRENT - OUTPUT (TYP)  20mA  CURRENT - INPUT BIAS (MAX)  FABRE STATUS / ROHS COMBINATION OF THE BIAS (MAX)  CURRENT - INPUT BIAS (MAX)  CURRENT - INPUT BIAS (MAX)  CURRENT - INPUT BIAS (MAX)  COMBINE OF A SOCIAL OF THE MAX (MAX)  CURRENT - INPUT BIAS (MAX)  COMBINE OF A SOCIAL OF THE MAX (MAX)  CURRENT - INPUT BIAS (MAX)  COMBINE OF A SOCIAL OF THE MAX (MAX)	PACKAGING	Tube
OPERATING TEMPERATURE -40°C ~ 85°C  NUMBER OF ELEMENTS 2  MOUNTING TYPE SURface Mount  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  HYSTERESIS - Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX) 400µA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5pA @ 5V  CMRR, PSRR (TYP) -	PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
NUMBER OF ELEMENTS  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  LEAD FREE STATUS / ROHS STATUS  COMparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX)  CURRENT - OUTPUT (TYP)  CURRENT - INPUT BIAS (MAX)  CMRR, PSRR (TYP)  2  CURRENT - OUTPUT (TYP)  CURRENT - OUTPUT (TYP)  CURRENT - OUTPUT BIAS (MAX)  COMPAR, PSRR (TYP)	OUTPUT TYPE	CMOS, MOS, Open-Drain, TTL
MOUNTING TYPE SURFICITION SURFACE Mount  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  HYSTERESIS  DETAILED DESCRIPTION Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX) 400µA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5pA @ 5V  CMRR, PSRR (TYP) - INPUT BIAS (MAX) - INPUT B	OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  HYSTERESIS - Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX) 400µA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5pA @ 5V  CMRR, PSRR (TYP) - INPUT MISS (MAX) - I	NUMBER OF ELEMENTS	2
LEAD FREE STATUS / ROHS STATUSLead free / RoHS CompliantHYSTERESIS-DETAILED DESCRIPTIONComparator Differential CMOS, MOS, Open-Drain, TTL 8-SOICCURRENT - QUIESCENT (MAX)400μACURRENT - OUTPUT (TYP)20mACURRENT - INPUT BIAS (MAX)5pA @ 5VCMRR, PSRR (TYP)-	MOUNTING TYPE	Surface Mount
HYSTERESIS - Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC  CURRENT - QUIESCENT (MAX) 400μA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5pA @ 5V  CMRR, PSRR (TYP) - CMRR, PSRR (TYP)	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
DETAILED DESCRIPTION CURRENT - QUIESCENT (MAX) 400μA CURRENT - OUTPUT (TYP) 20mA CURRENT - INPUT BIAS (MAX) 5pA @ 5V CMRR, PSRR (TYP) -	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
CURRENT - QUIESCENT (MAX) 400µA  CURRENT - OUTPUT (TYP) 20mA  CURRENT - INPUT BIAS (MAX) 5pA @ 5V  CMRR, PSRR (TYP) -	HYSTERESIS	-
CURRENT - OUTPUT (TYP)  CURRENT - INPUT BIAS (MAX)  CMRR, PSRR (TYP)  -  20mA  5pA @ 5V	DETAILED DESCRIPTION	Comparator Differential CMOS, MOS, Open-Drain, TTL 8-SOIC
CURRENT - INPUT BIAS (MAX) 5pA @ 5V CMRR, PSRR (TYP) -	CURRENT - QUIESCENT (MAX)	400μΑ
CMRR, PSRR (TYP) -	CURRENT - OUTPUT (TYP)	20mA
	CURRENT - INPUT BIAS (MAX)	5pA @ 5V
BASE PART NUMBER TLC372	CMRR, PSRR (TYP)	-
	BASE PART NUMBER	TLC372

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