

# Parameters of Optical Coupler 357



## Overview

Phototransistor Optocoupler Electrical Characteristics  $T_A = 25^\circ\text{C}$ , unless otherwise specified

Emitter Characteristics	Symbol	Parameters	Test Conditions	Min	Typ	Max	Units	Notes
Forward voltage	$V_F$	$I_F = 10\text{mA}$		1.4			V	
Reverse Current	$I_R$	$V_R = 6\text{V}$				5	$\mu\text{A}$	

Input. O ANY PRODUCTS HEREIN TO IMPROVE RELIABILITY, FUNCTION OR DESIGN. CT MICRO DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE APPLICATION OR USE OF ANY PRODUCT OR CIRCUIT DESCRIBED HEREIN; NEITHER DOES IT CON ON THE PACKAGE SURFACE AFTER SOLDERING, REFLOW OR LONG TERM USE. THIS DOThe WE 357 series combine an infrared LED and phototransistor. Both parts are optically coupled and provided in a plastic SOP4 package. Optocoupler is an electronic device. be marked (W: China -CZ, X: China -T  $\blacklozenge$  indicates halogen free o op in millimeters pe or and between col applied volta  $T_a = I_F = 30\text{mA}$  emperature and time profile s own be Temperature (TP) lead soldering in every single pr er FO T PRINT PAT er to orientation of taping on Pa en ree oOPTOCOUPLER, SMD, TRANSISTOR O/P, 3. OPTOCOUPLER, SMD, TRANSISTOR O/P, 3. Does ALLDATASHEET help your business so far?

PC357 Datasheet.



## Article Content

PC357 Datasheet (PDF)

Part #: PC357. Download. File Size: 741Kbytes. Page: 15 Pages. Description: DEVICE SPECIFICATION FOR PHOTOCOUPLER. Manufacturer: Sharp

KPC357NT datasheet

KPC357NT General Purpose Photocoupler, CTR Min 50%, ISOLation 3750V, For Programmable Controllers Mini-flat package General purpose Photo Coupler

PC357 Datasheet, PDF

Description: DEVICE SPECIFICATION FOR PHOTOCOUPLER. 120 Results. Datasheet: 741Kb/15P. Manufacturer: Sharp Corporation.

PC357N3TJ00F SHARP, Optocoupler, Transistor

Buy PC357N3TJ00F - SHARP - Optocoupler, Transistor Output, 1 Channel. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory,

China Smd 357 Optocoupler Manufacturers and

Kento Electronic is one of the professional optics and optoelectronics manufacturers and suppliers in China. Here we bring you the smd 357 optocoupler with

Measurement of Thin Film Parameters Prism Coupler

with a The prism coupler, known from experiments on integrated optics, can be used to determine the refractive index and the thickness of a light-guiding thin film. Both parameters are obtained

DPC-0000014\_EL357N-G Series Datasheet rev3

Electro-Optical Characteristics (Ta=25°C unless specified otherwise) Input ... Output Parameter Symbol Min Typ.

China Smd 357 Optocoupler Manufacturers and

In the monolithic switching power supply, the optocoupler feedback circuit can be constructed by using a linear optical coupler, and the duty ratio is changed by

Microsoft Word

Typical Electro-Optical Characteristics Curves Relative Current Transfer Ratio vs.

Technical series data sheet

Types: The WE 357 series combine an infrared LED and phototransistor. Both parts are optically coupled and provided in a plastic SOP4 package. Products are available in a robust coplanar

## Optical Couplers | Springer Nature Link

Optical couplers are one of the most important classes of integrated optical components. These devices are used in directional routing of a light signal from one waveguide to another or in

PC357NJ0000F SHARP

SHARP PC357NJ0000F | Optocoupler; SMD; Ch: 1; OUT: transistor; Uinsul: 3.75kV; Uce: 80V - This product is available in Transfer Multisort Elektronik. Check out our ...

Influence of contra-directional couplers" design parameters in optical ...

In this paper, a systematic study on some of the main design parameters of contra-directional couplers (CDCs) was performed. CDCs with different gaps and corrugation sizes were designed, simulated,

## Fiber Optic Couplers Information

Fiber optic couplers are optical devices that connect three or more fiber ends, dividing one input between two or more outputs, or combining two or more inputs

## Directional Couplers

Directional couplers are multiple-waveguide couplers used for codirectional coupling. They can be used in many different applications, including power splitters, optical

EL357 Optocoupler Pinout, Examples, Features, Applications, Datasheet

PDF file

LTV-357T Product Data Sheet Photocoupler - Lite-On

E DIMENSIONS 2.1 LTV-357T series Notes : 1. be marked (W: China -CZ, X: China -T. Rank shall be or shall not be marked. . " indicates halogen free o. ion. "4" or "V" for VDE. op. on. \*All dimensi. in

## BSc Chemistry

Distribution of optical signals to more than one station is not so simple and hence we cannot simply connect a few fibers. To distribute optical signals from one to many and many to one we use devices

Datasheet\_TD357\_v

Parameters provided in datasheets may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated in each customer

Guidelines for Reading an Optocoupler Datasheet

Fig. 5 - Electrical Characteristics The electrical characteristics table in figure 5 provides information on key parameters for the input side, the output side, and the coupling itself. It provides the minimum,

Impact of Various Parameters on the Performance of Optical Directional ...

This paper presents the impact of optical coupler parameters like length of coupling region, spacing between the coupling region and materials profile on the performance of optical directional ...

CT357 Series DC Input 4-Pin Mini-Flat Phototransistor Optocoupler

These series of general purpose optocoupler consists of a photo transistor optically coupled to a gallium arsenide Infrared-emitting diode in a 4-lead Mini-Flat package.

CT357 Series DC Input 4-Pin Mini-Flat DMC-Isolator Phototransistor ...

The CT357 series of general purpose optocoupler consists of a photo transistor optically coupled to an Infrared-emitting diode in a 4-lead Mini-Flat DMC-Isolator® package with bending option.

PC357 Datasheet, PDF

PC357 Datasheet. Part #: PC357. Datasheet: 741Kb/15P. Manufacturer: Sharp Corporation. Description: DEVICE SPECIFICATION FOR PHOTOCOUPLER. 120 Results. Datasheet ...

4N35 Optocoupler IC: Datasheet, Pinout, Circuit

This article exploresthe 4N35 Optocoupler IC circuit diagram, pinout, datasheet, uses and more details, uncover the crucial role this component plays.

pc357nj0000f\_e

Description PC357NJ0000F Series contains an IRED optically coupled to a phototransistor.

EL357 Optocoupler - Transistor Output - Electronics

This tutorial we will see all about EL357 optocoupler IC Compact 4 Pin SOP IC. EL357 is a DC Input based, Phototransistor Output Optocoupler and it

Chapter 11

The optical directional coupler, analogous to the microwave elementl of the same name, consists of paral lel channel optical waveguides sufficiently closely spaced that energy is transferred from one to

## Contact Us

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