

Product Overview

KDT00030: Phototransistor Photo Detector

For complete documentation, see the data sheet.

The KDT00030 / KDT00030A are small, low-profile photo detectors. They incorporate a phototransistor detector chip, which makes them an ideal choice for low-cost ambient light measurement applications, like mobile appliances backlighting

Features

- Spectral Response Close to Human Eye
- Good Output Linearity Across Wide Illumination Range
- Small Footprint: 1.7 mm x 0.8 mm
- Low Profile: 0.6 mm
- Phototransistor with Filter Technology

Applications

- Cell Phones, Notebook PCs, Personal Digital Assistants, Digital Still Camera

Part Electrical Specifications

Product	Compliance	Status	I _o Typ (μA)	Output Interface	V _{in} Min (V)	V _{in} Max (V)	T _A Min (°C)	T _A Max (°C)	Package Type
KDT00030ATR	Pb-free	Active	230	Analog	-	6	-40	85	CHIPLED ALS
	Halide free								
KDT00030TR	Pb-free	Active	230	Analog	-	6	-40	85	CHIPLED ALS
	Halide free								

For more information please contact your local sales support at www.onsemi.com.

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