

Product Overview

LV0111CF: Ambient Light Sensor, Logarithmic Current Output, with Standby Function

For complete documentation, see the data sheet.

LV0111CF is a photo IC for ambient light sensor which has the characteristics of spectral response similar to that of human eyes. It is suitable for the applications like mobile phone (for Digital-TV, One-segment), LCD-TV, laptop computer, PDA, DSC and Camcorder.

Features

- Logarithm current output
- Excellent visual sensitivity characteristics
- Built-in sleep function
- Low electric current consumption

Applications

- Ambient Light Sensor

Benefits

- Wide ambient light sensitivity
- It resemble human eyesight sensitivity
- Power saving
- Power saving

End Products

- Feature phone, Smart phone..
- Digital TV:(CRT, LCD, OLED..)
- Laptop-PC, Tablet-PC, PDA..
- DSC, DVC, DSLR, Mirrorless..

Part Electrical Specifications

Product	Pricing (\$/Unit)	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
LV0111CF-TLM-H	0.6933	Pb-free Halide free	Active	21	Analog	2.3	5.5	-30	85	ODCSP-4J

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

Created on: 3/29/2020