

Product Overview

LA0151CS: Ambient Light Sensor, Linear Current Output, with 2-Stage Gain Switching

For complete documentation, see the data sheet.

LA0151CS is a linear current output type illumination (ambient light) sensor with 2-stage gain switching.

Features

- Extremely small package (1.01*1.01*0.6 mm)
- Low power consumption (150uA at 1,000 Lux)
- No sensibility in IR area
- Low gain mode function (-35 dB)

Benefits

- Facilitates miniaturization of end products
- Saving energy
- Little sensitivity differences between fluorescent lamp and incandescent lamp

End Products

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
LA0151CS-TLM-E	Pb-free	Active	80	Analog	2.2	5.5	-30	85	ODCSP-4
	Halide free		1.6						

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

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