

## 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	Pricing (\$/Unit)	Compliance	Status	I <sub>o</sub> Typ (μA)	Output Interface	V <sub>in</sub> Min (V)	V <sub>in</sub> Max (V)	T <sub>A</sub> Min (°C)	T <sub>A</sub> Max (°C)	Package Type
LA0151CS-TLM-E	0.4133	Pb-free	Active	80	Analog	2.2	5.5	-30	85	ODCSP-4
		Halide free		1.6						

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