



**THE DATASHEET OF  
GP2AP012A00F**



## GP2AP012A00F

<b>Description:</b>	Proximity sensor and ambient light sensor combined in a single package featuring an I <sup>2</sup> C interface. IRED LED output current for sensor adjustable. 4-bit ADC conversion time 100 ms. (Typical values)
<b>Family:</b>	GP2AP012A00F
<b>Icc:</b>	45 $\mu$ A
<b>Illuminance Range Ev:</b>	0.1 to 130,000 lx
<b>Peak Sensitivity:</b>	540 nm, ALS section; 940 nm, Proximity Sensor section
<b>RoHS:</b>	Yes
<b>Status:</b>	<b>Production</b>
<b>Supply Voltage:</b>	1.7 to 3.6 V
<b>Vcc:</b>	3.8 V

### Documentation

*There are no matching documents for this product or criteria.*

Can't find the document you are looking for? Please contact your local [Sharp Microelectronics representative](#) for assistance.

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