



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

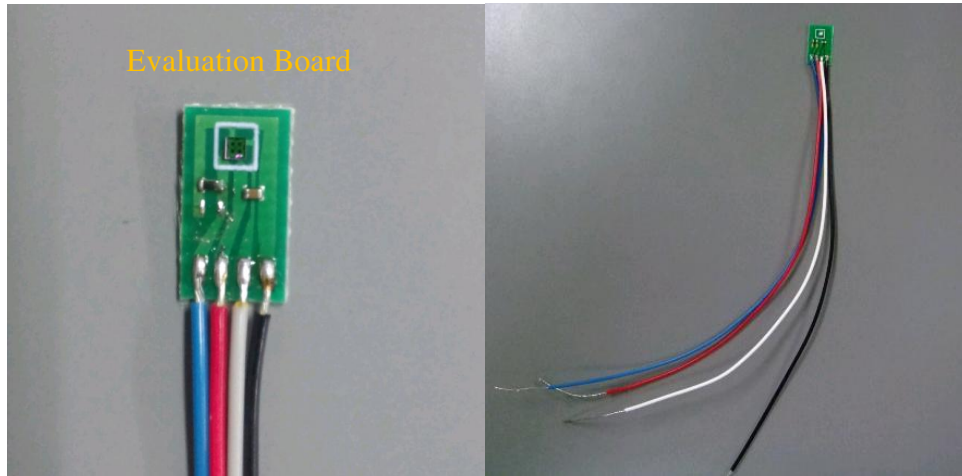
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

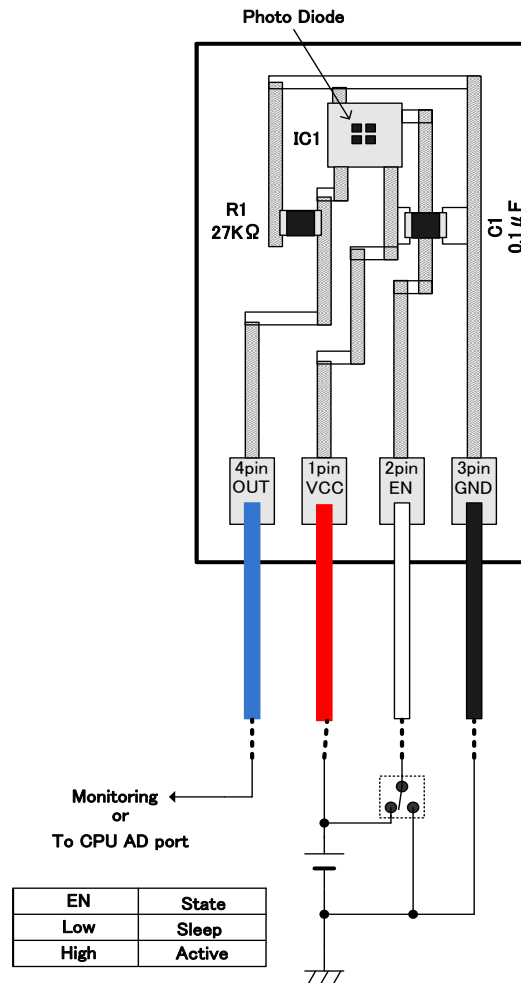
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

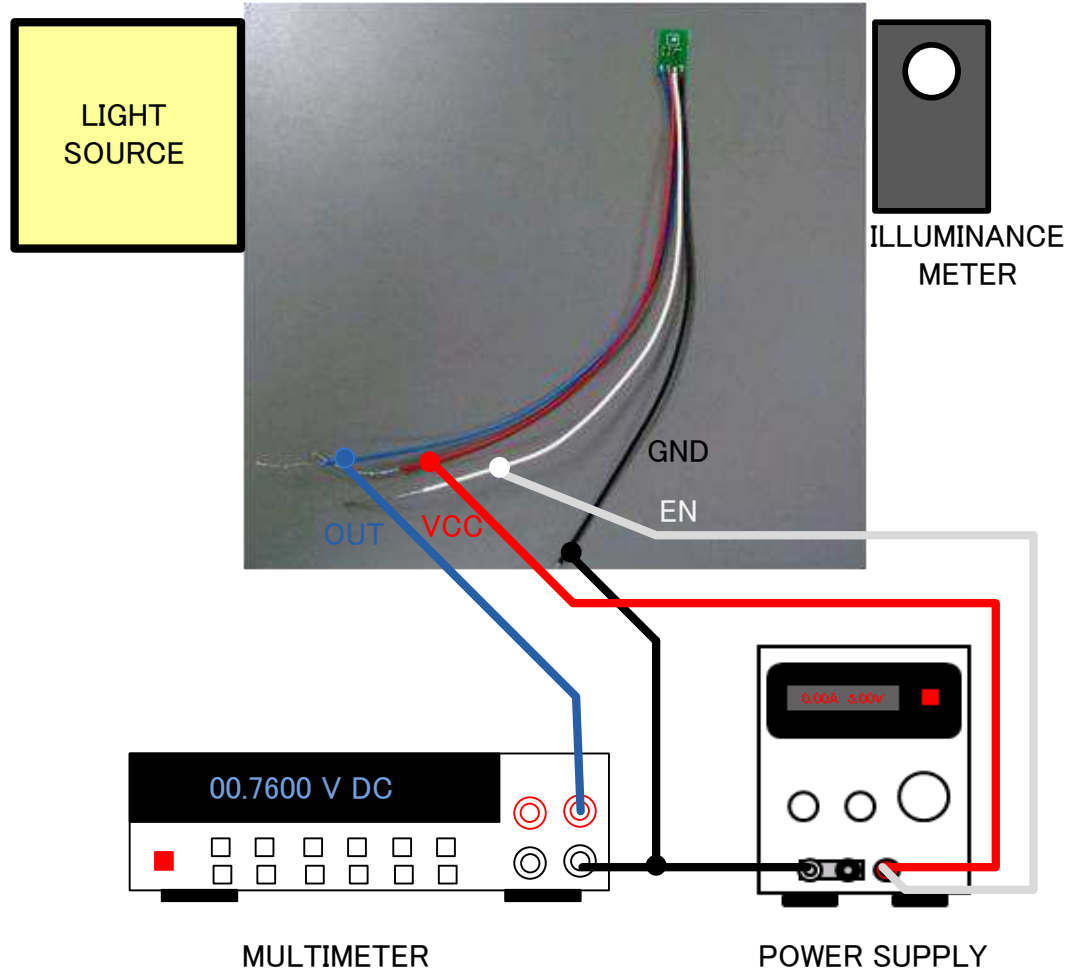


## Test Procedure for the LV0111CFGEVB Evaluation Board



Evaluation Board





#### Test Procedure:

1. Connect the test setup as shown above.
2. Connect IC power supply (2.3V to 5.5V) between VCC and GND.
3. Connect multimeter between OUT and GND.
4. Irradiate a light, and put the luminance meter near the IC.
5. Control the light source and adjust to 500 lux.
6. The OUT terminal of LV0111CF is outputted roughly at 28uA. Therefore, multimeter should show roughly 0.76V. ( $0.76V = 28\mu A \times 27k\Omega$ )

#### LV0111CF features:

- Logarithmic current output
- Low current consumption (typical 75uA)