LED displays

16×32 dot matrix unit
LPM-5123U320

The LPM-5123U320 is a 16×32 dot matrix display which can be used in a wide range of applications, including alphabet, numeric, symbol and graphical displays.   A large display can be easily created by arranging a number of these dot matrix displays in an array, and they can be applied to a variety of display purposes. Display data are sent to internal shift registers, which enable on-the-spot control of the display.
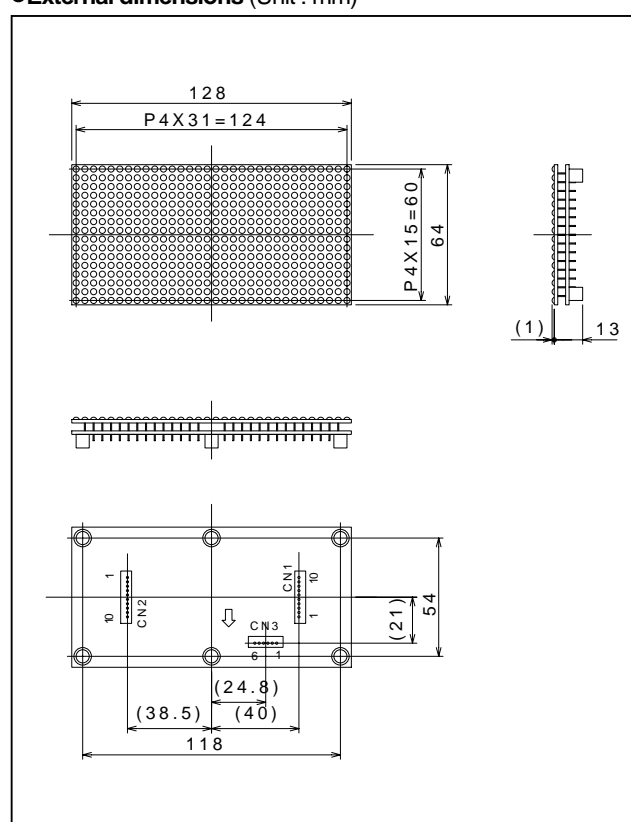
●**Applications**

Light source for displays

●**Features**

1) 16×32 dot matrix.
   Dot size : ϕ2.8mm
2) Dimensions : 64mm×128mm
3) High-Contrast & Wide-View display by
   Potting lens technorgy (Rohm original)
4) Single color (Red).
5) 1 / 16 duty dynamic scaning.
6) Wide viewing angle.
   (2θ1/2=140 degress)

●**External dimensions** (Unit : mm)

●**Specifications**

For specifications, refer to "LUM unit series".
(www.rohm.com/products/databook/dp/pdf/lum-unit.pdf)

Notes

● No technical content pages of this document may be reproduced in any form or transmitted by any means without prior permission of ROHM CO.,LTD.

● The contents described herein are subject to change without notice. The specifications for the product described in this document are for reference only. Upon actual use, therefore, please request that specifications to be separately delivered.

● Application circuit diagrams and circuit constants contained herein are shown as examples of standard use and operation. Please pay careful attention to the peripheral conditions when designing circuits and deciding upon circuit constants in the set.

● Any data, including, but not limited to application circuit diagrams information, described herein are intended only as illustrations of such devices and not as the specifications for such devices. ROHM CO.,LTD. disclaims any warranty that any use of such devices shall be free from infringement of any third party's intellectual property rights or other proprietary rights, and further, assumes no liability of whatsoever nature in the event of any such infringement, or arising from or connected with or related to the use of such devices.

● Upon the sale of any such devices, other than for buyer's right to use such devices itself, resell or otherwise dispose of the same, no express or implied right or license to practice or commercially exploit any intellectual property rights or other proprietary rights owned or controlled by

● ROHM CO., LTD. is granted to any such buyer.

● Products listed in this document are no antiradiation design.

The products listed in this document are designed to be used with ordinary electronic equipment or devices (such as audio visual equipment, office-automation equipment, communications devices, electrical appliances and electronic toys).

Should you intend to use these products with equipment or devices which require an extremely high level of reliability and the malfunction of with would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), please be sure to consult with our sales representative in advance.

About Export Control Order in Japan

Products described herein are the objects of controlled goods in Annex 1 (Item 16) of Export Trade Control Order in Japan.
In case of export from Japan, please confirm if it applies to "objective" criteria or an "informed" (by MITI clause) on the basis of "catch all controls for Non-Proliferation of Weapons of Mass Destruction.

AMEYA360
Components Supply Platform

Authorized Distribution Brand :

Website :

Welcome to visit   www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd

Minhang District, Shanghai , China

➤ Sales :

Direct   +86 (21) 6401-6692

Email   amall@ameya360.com

QQ   800077892

Skype   ameyasales1 ameyasales2

➤ Customer Service :

Email   service@ameya360.com

➤ Partnership :

Tel   +86 (21) 64016692-8333

Email   mkt@ameya360.com