

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!



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16×32 dot matrix unit

LPM-5123MU300

The LPM-5123MU300 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. A custom LSI controller has display data memory for two screens, and data for each screen can be written and displayed in turn.

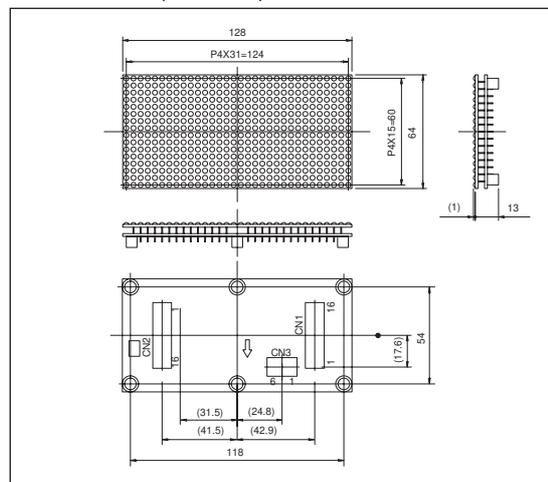
●Applications

For information boards at stations, bus terminals and airports.
For message boards.

●Features

- 1) 16×32 dot matrix.
Dot size : $\phi 2.8\text{mm}$
- 2) Dimensions : 64mm×128mm
- 3) High-Contrast & Wide-View display by Potting lens technology (Rohm original)
- 4) Support Three-colors (red, green, orange)
- 5) 1 / 16 duty dynamic scan method.
- 6) Wide viewing angle.
($2\theta 1/2=140$ degrees)
- 7) 4-level brightness control function is built in.

●Dimensions (Unit : mm)



●Product specifications

Part No.	Emitting surface size (mm)	Display	Emitting color	Wavelength (nm)	Dot size (mm)	Dot pitch (mm)	Number of dots (dot)	Control		LED		Brightness (cd/m ²)	Operating freq. (MHz)	Drive type
								V _{DD} (V)	I _{cc1} Max. (mA)	V _{LED} (V)	I _{cc2} Max. (A)			
LPM-5123MU300	64x128	Potting lens	Red	624	$\phi 2.8$	4	16x32	5	30	5	3.0	300	20 (Max.)	1/16 duty (Memory type)
			Green	571								300		

Notes

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