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

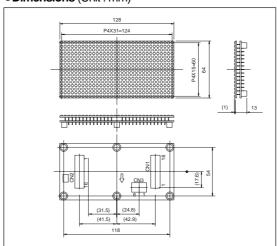
1) 16×32 dot matrix.

Dot size: \$\phi 2.8mm\$

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.(2θ1/2=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)	V _{DD} (V)	lcc1 Max. (mA)	VLED (V)	lcc2 Max. (A)	Brightness (cd/m²)	Operating freq. (MHz)	Drive type
LPM-5123MU300	64x128	Potting lens	Red	624	ф2.8	4	16x32	5	30	5	3.0	300	20 (Max.)	1/16 duty (Memory type)
			Green	571								300		

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