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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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Full color dot matrix unit

LPM-5123BMU813

The LPM-5123BMU813 is a 16×32 dot matrix display which can be used in a wide range of applications such as video screens, graphic, alphabet, numeric and symbol with no color distribution.

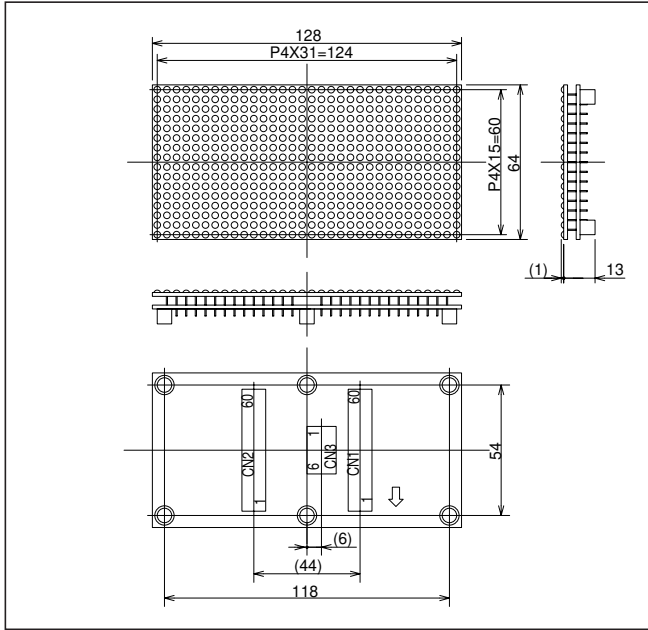
●Applications

- For information boards at stations, bus terminals and airports.
- For message board
- For graphic display

●Features

- 1) 16×32 dot matrix.
Dot size : φ2.8
- 2) Dimensions : 64mm×128mm
- 3) Built in color adjustment LSI enables full color display with no color distribution.
- 4) Rohm original Potting lens method make it possible to have High-Contrast & Wide-View (2θ 1/2=140 degrees)display.
- 5) Over thousand million Colors at display is available by controlling 1,024 gray scale for each color.
- 6) 1 / 16 duty dynamic scan method.
- 7) Brightness adjustment circuit is built-in to adjust the whole panel brightness.

●Dimensions (Unit : mm)



●Product specification

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-5123BMU813	64×128	Potting lens	Red	(624)	φ2.8	4	16×32	5	500	5	3.0	330	10 (Max.)	1/16 duty (sift resistor type) External and internal gray levels clock 1024 gray levels
			Green	(525)								890		
			Blue	(471)								180		

Notes

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