



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

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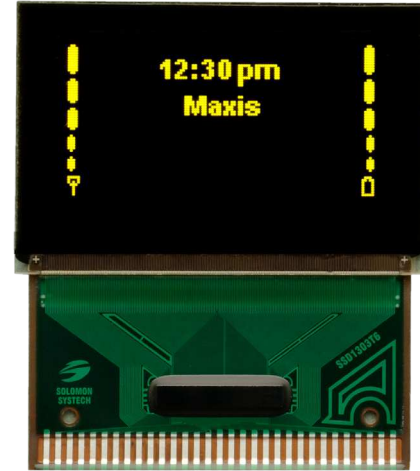
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# OLED DISPLAY SOLUTIONS

# Pictiva™ 1.0-inch 128x64 OLED display



OS128064Px10MxxB10

## Features

- Available in white and 3 other colors
- RoHS compliant
- 180° viewing angle
- Fast response, video capable
- High contrast
- Wide operating temperature range
- Thin profile (1.7mm)

## Benefits

- Attractive appearance in White or Blue
- Low-cost graphic solution
- Ultra-thin structure suits mobile devices

## Applications

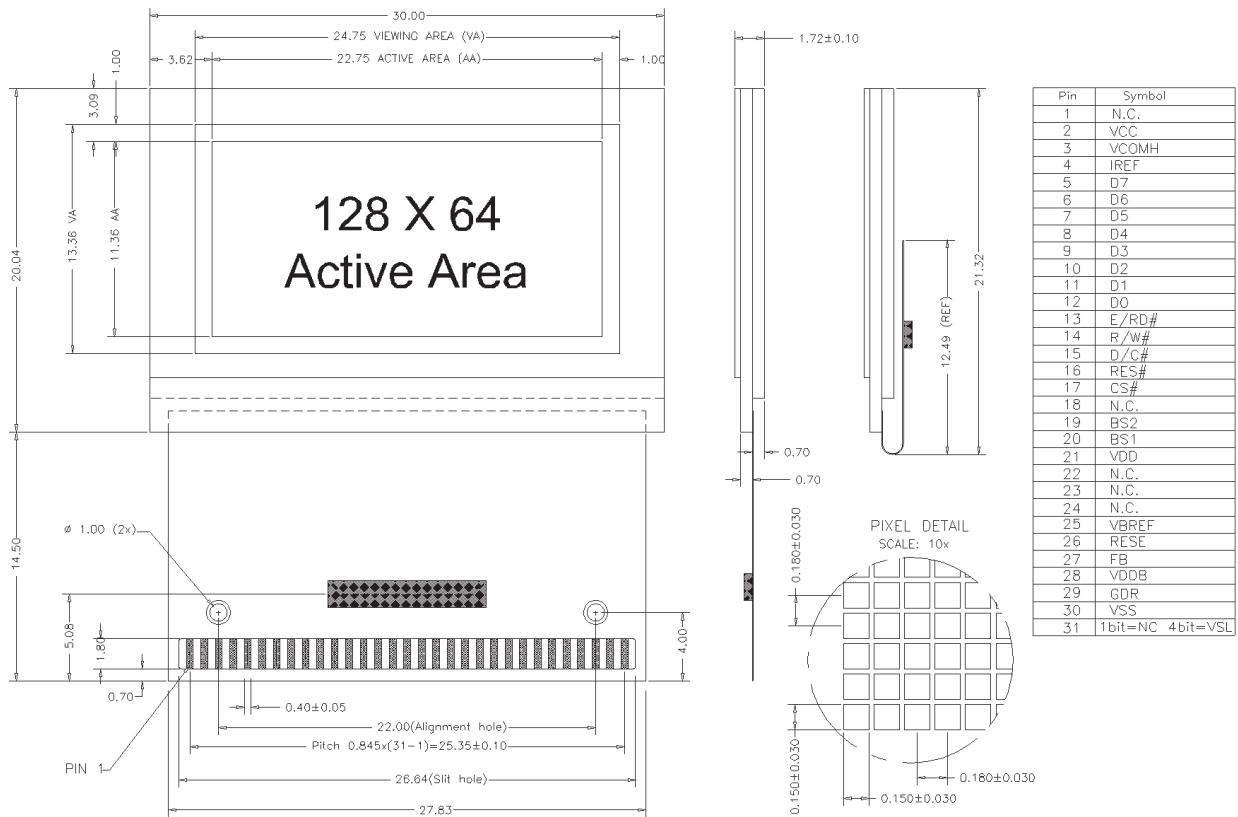
- Mobile Phone Sub-Display
- MP3 Players
- Mobile Consumer Devices

## Specifications

Display Format	128 Columns x 64 Rows				
Diagonal	1.0 inch				
Pixel Pitch	0.18 mm x 0.18 mm				
Color, Luminance & Lifetime	Color On Demand	CIE x	CIE y	cd/m <sup>2</sup>	Lifetime hrs, 25°C
	Elegance Yellow	0.46	0.54	100/200*	40K/10K*
	Lime Green	0.37	0.62	120	10K
	Tiger Orange	0.63	0.37	50	10K
	Galaxy White	0.25	0.25	35	TBA
Grayscale	1 or 4 bit				
Active Area	22.75 (W) X 11.36 (H) mm				
Module Size	30.0 (W) X 20.0 (H) X 1.7 (T) mm				
Viewing Angle	180°				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30°C to +70°C Operating				
Voltage	2.4V – 3.5V (Logic) 12V– 13V (OLED Supply)				
Power	0.05 mW (Sleep Mode)				
Interface	Parallel or Serial, TAB interconnect				
Driver	SSD1303 (1-bit), SDD0323 (4-bit)				
Weight	2.2g nominal				

\* High Brightness Mode

# Mechanical Dimensions and Pin Description



## Ordering Information

Part Number	Order Number	Description
<b>1-bit</b>		
OS128064PN10MY0B10	Q65110A4124	Pictiva™ 1.0 inch 128x64 OLED Display, Elegance Yellow
OS128064PN10MG1B10	Q65110A4125	Pictiva™ 1.0 inch 128x64 OLED Display, Lime Green
OS128064PN10MO1B10	Q65110A4126	Pictiva™ 1.0 inch 128x64 OLED Display, Tiger Orange
OS128064PN10MW1B10	Q65110A4122	Pictiva™ 1.0 inch 128x64 OLED Display, Galaxy White
<b>4-bit</b>		
OS128064PK10MY0B10	Q65110A4130	Pictiva™ 1.0 inch 128x64 OLED Display, Elegance Yellow
OS128064PK10MG1B10	Q65110A4131	Pictiva™ 1.0 inch 128x64 OLED Display, Lime Green
OS128064PK10MO1B10	Q65110A4132	Pictiva™ 1.0 inch 128x64 OLED Display, Tiger Orange
OS128064PK10MW1B10	Q65110A4128	Pictiva™ 1.0 inch 128x64 OLED Display, Galaxy White

## Contact Information

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