



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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# OLED DISPLAY SOLUTIONS

# Pictiva™ 1.6-inch 128x64 OLED display



OS128064PK16Mxxx0x

## Features

- Long-lifetime OLED
- 180° viewing angle
- Fast response, video capable
- High contrast
- Wide operating temperature range
- RoHS compliant on selected models

## Benefits

- Ease of readability
- No backlight required
- Low power consumption

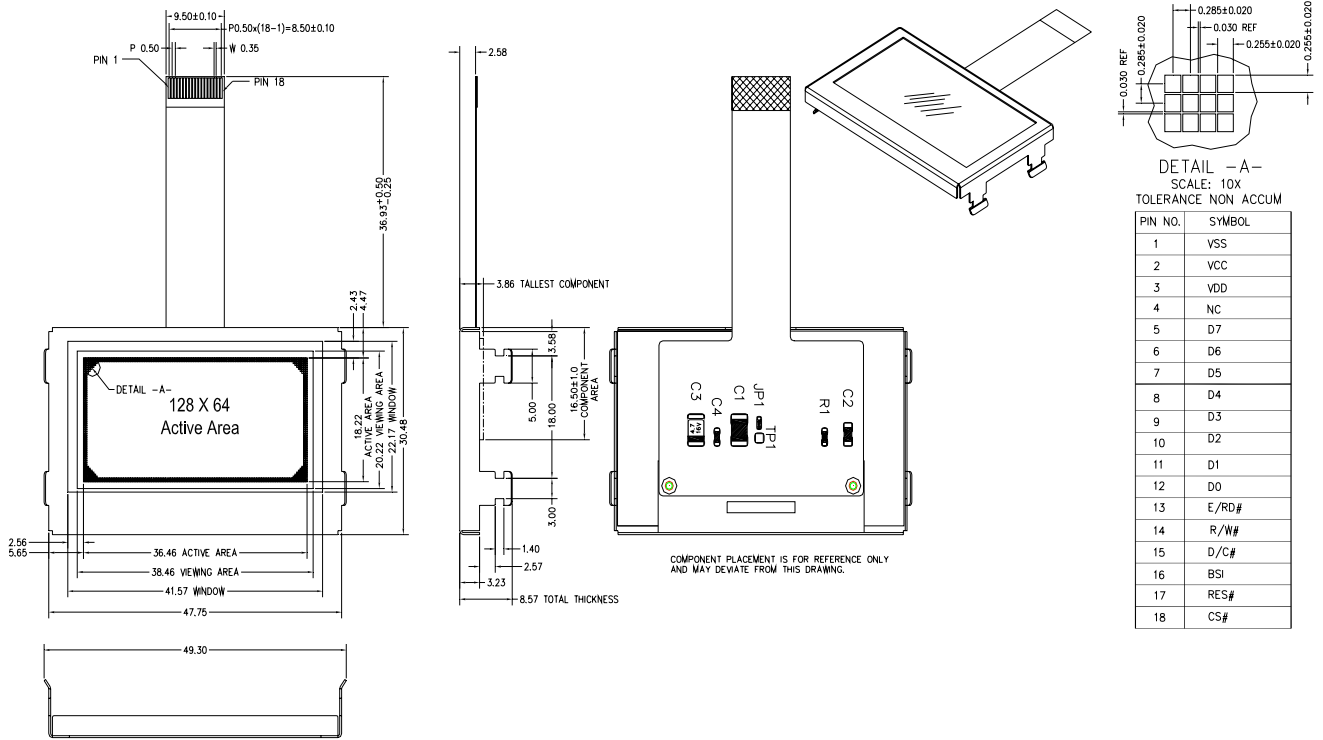
## Applications

- Audio/Video
- Entertainment
- Industrial
- Medical
- Instruments

## Specifications

<b>Display Format</b>	128 Columns x 64 Rows				
<b>Diagonal</b>	1.6 inch				
<b>Pixel Pitch</b>	0.285 (W) x 0.285 (H) mm				
<b>Color, Luminance &amp; lifetime</b>	Color	CIE x	CIE y	Cd/m <sup>2</sup>	Lifetime hrs, 25° C
	Elegance Yellow	0.46	0.54	100	40K
				150	10K
	Lime Green	0.37	0.62	100	10K
Tiger Orange	0.63	0.37	60	10K	
<b>Grayscale</b>	4 bit				
<b>Active Area</b>	36.46 (W) X 18.22 (H) mm				
<b>Module Size</b>	47.75 (W) X 30.48 (H) X 3.83* mm (T) * including bezel				
<b>Viewing Angle</b>	180°				
<b>Contrast Ratio</b>	2000:1 dark ambient				
<b>Temperature</b>	-30° C to 70° C				
<b>Logic Voltage</b>	2.4V – 3.5V				
<b>Supply Voltage</b>	12V				
<b>Power Cons.</b>	0.05 mW (sleep mode)				
<b>Interface</b>	Parallel/Serial				
<b>Driver</b>	SSD0323				
<b>Weight</b>	8.8g typical				

# Mechanical Dimensions and Pin Description



## Ordering Information

Part Number	Order Number	Description
OS128064PK16MY0Z00 *	Q65110A5499	Pictiva™ 1.6 inch 128x64 OLED Display, Elegance Yellow
OS128064PK16MY0A01	Q65110A1668	Pictiva™ 1.6 inch 128x64 OLED Display, Elegance Yellow
OS128064PK16MG1A00	Q65110A3427	Pictiva™ 1.6 inch 128x64 OLED Display, Lime Green
OS128064PK16MO1A00	Q65110A3429	Pictiva™ 1.6 inch 128x64 OLED Display, Tiger Orange

Note : \* RoHS compliant product

## Contact Information

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