# imall

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

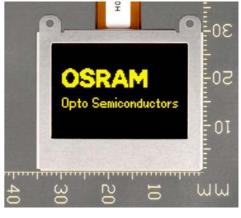
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## **OLED DISPLAY SOLUTIONS**





OS096064PK12Mxxx0x

#### **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

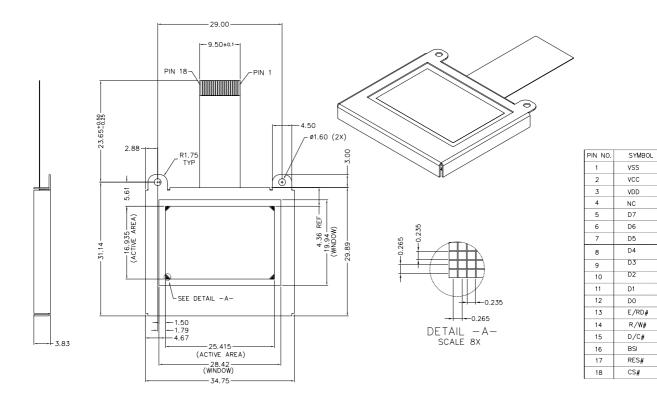
#### **Applications**

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

#### Specifications

Display Format	96 Columns x 64 Rows				
Diagonal	1.2 inch				
Pixel Pitch	0.265 (W) x 0.265 (H) mm				
Color, Luminance &	Color	CIE x	CIEy	Cd/m <sup>2</sup>	Lifetime hrs, 25º C
	Elegance Yellow Lime Green	0.46	0.54	100	40K
				200	10K
lifetime		0.37	0.62	150	10K
	Tiger Orange	0.63	0.37	60	10K
Grayscale	4 bit				
Active Area	25.42 (W) X 16.94 (H) mm				
Module Size	34.75 (W) X 32.89 (H) X 3.83* mm (T) * including bezel				
Viewing Angle	180º				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30º C to 70º C				
Logic Voltage	2.4V – 3.5V				
Supply Voltage	12V				
Power Cons.	0.05 mW (sleep mode)				
Interface	Parallel/Serial				
Driver	SSD0323				
Weight	4.6g typical				

#### **Mechanical Dimensions and Pin Description**



#### **Ordering Information**

Part Number	Order Number	Description	
OS096064PK12MY0Z00 *	Q65110A5715	Pictiva <sup>™</sup> 1.2 inch 96x64 OLED Display, Elegance Yellow	
OS096064PK12MY0A01	Q65110A1670	Pictiva <sup>™</sup> 1.2 inch 96x64 OLED Display, Elegance Yellow	
OS096064PK12MG1A00	Q65110A3431	Pictiva <sup>™</sup> 1.2 inch 96x64 OLED Display, Lime Green	
OS096064PK12MO1A00	Q65110A3433	Pictiva <sup>™</sup> 1.2 inch 96x64 OLED Display, Tiger Orange	

Note : \* RoHS compliant product

#### **Contact Information**

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