

# OLED DISPLAY SOLUTIONS

# Pictiva™ 1.1-inch 96x64 OLED display



OS096064Px11MxxB10

### Features

- Long-life OLED: up to 40K hrs lifetime to 50% luminance
- RoHS Compliant
- 4 color options
- High brightness, Fast response
- High-contrast, 180° viewing angle
- Ultra-thin structure
- Low power consumption

### Benefits

- Meets low cost graphic needs
- Video frame rate capable
- Suitable for battery-operated units

### Applications

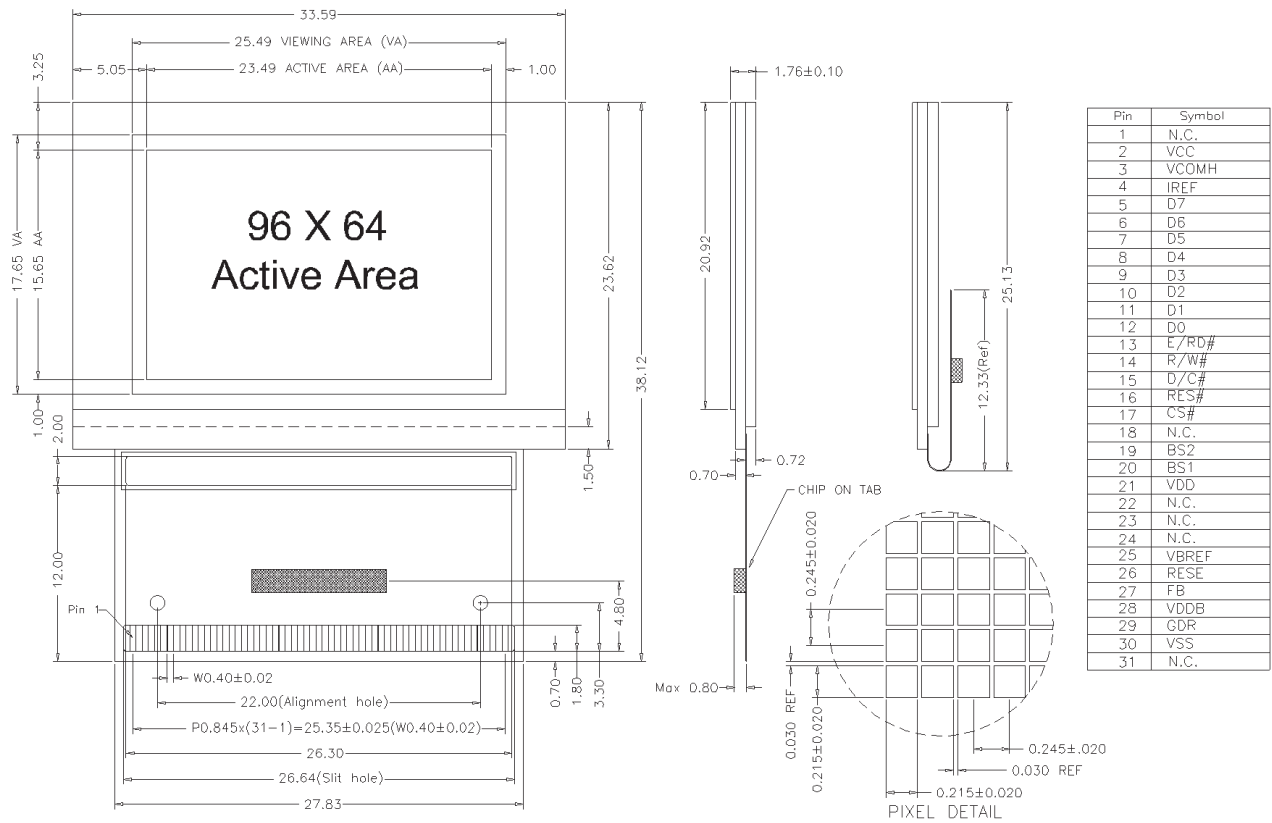
- Mobile phone sub-display
- Mobile devices / MP3 Players
- Industrial equipment
- Personal care devices

### Specifications

Display Format	96 Columns x 64 Rows				
Diagonal	1.1 inch				
Pixel Pitch	0.245 mm x 0.245 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	100	10K
	Tiger Orange	0.63	0.37	60	10K
	Galaxy White	0.25	0.25	35	TBA
Grayscale	1 or 4 bit				
Active Area	23.49 (W) X 15.65 (H) mm				
Module Size	33.59 (W) X 38.12 (H) X 1.72 (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/SDD0323 on TAB				
Weight	2.95g nominal				

\* High Brightness Mode

# Mechanical Dimensions and Pin Description



## Ordering Information

Part Number	Order Number	Description
1-bit		
OS096064PN11MY0B10	Q65110A3348	Pictiva™ 1.1 inch 96x64 OLED Display, Elegance Yellow
OS096064PN11MG1B10	Q65110A4052	Pictiva™ 1.1 inch 96x64 OLED Display, Lime Green
OS096064PN11MO1B10	Q65110A4053	Pictiva™ 1.1 inch 96x64 OLED Display, Tiger Orange
OS096064PN11MW1B10	Q65110A4163	Pictiva™ 1.1 inch 96x64 OLED Display, Galaxy White
4-bit		
OS096064PK11MY0B10	Q65110A4054	Pictiva™ 1.1 inch 96x64 OLED Display, Elegance Yellow
OS096064PK11MG1B10	Q65110A4585	Pictiva™ 1.1 inch 96x64 OLED Display, Lime Green
OS096064PK11MO1B10	Q65110A4586	Pictiva™ 1.1 inch 96x64 OLED Display, Tiger Orange
OS096064PK11MW1B10	Q65110A4701	Pictiva™ 1.1 inch 96x64 OLED Display, Galaxy White

## Contact Information

OSRAM Opto Semiconductors

Asia: +60(4) 631-8100 prasia@osram-os.com  
 Europe: +49 (0)941-850-3535 pr@osram-os.com  
 North America: +1-888-446-7726 ext.4310 info@osram-os.com  
 Web: www.pictiva.com

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