

# OLED DISPLAY SOLUTIONS

# Pictiva™ 1.1-inch 128x48 OLED display



OS128048Px11MxxB10

### Features

- RoHS Compliant
- White, Blue, or Area Color options available
- Low-power consumption for battery-powered devices
- 180° viewing angle

### Benefits

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

### Applications

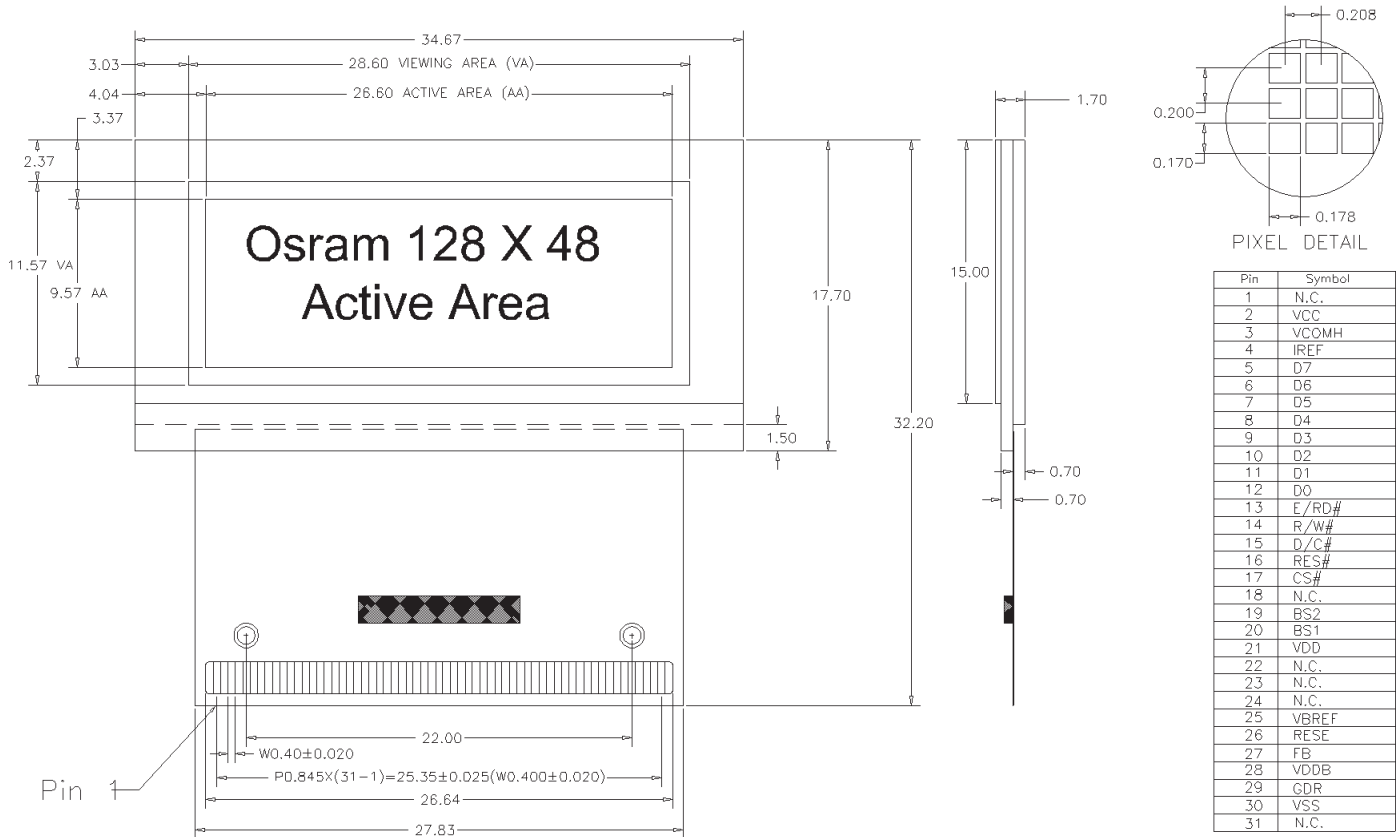
- Mobile Phone sub-display
- MP3 player
- Mobile consumer devices
- Industrial

### Specifications

Display Format	128 Columns x 48 Rows				
Diagonal	1.1 inch				
Pixel Pitch	0.208 (H) mm x 0.200 (W) 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	60	10K
	Galaxy White	0.25	0.25	50	TBA
	Ocean Blue	0.14	0.17	30	TBA
Grayscale	1 bit (contact OSRAM for 4 bit option)				
Active Area	26.60 (W) X 9.57 (H) mm				
Module Size	34.67 (W) X 32.20 (H) X 1.70 (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	2.25g nominal				

\* High Brightness Mode

# Mechanical Dimensions and Pin Description



## Ordering Information

Part Number	Order Number	Description
OS128048PN11MY0B10	Q65110A3442	Pictiva™ 1.1 inch 128x48 OLED Display, Elegance Yellow
OS128048PN11MG1B10	Q65110A3443	Pictiva™ 1.1 inch 128x48 OLED Display, Lime Green
OS128048PN11MO1B10	Q65110A3444	Pictiva™ 1.1 inch 128x48 OLED Display, Tiger Orange
OS128048PN11MW1B10	Q65110A4458	Pictiva™ 1.1 inch 128x48 OLED Display, Galaxy White
OS128048PN11MB2B10	Q65110A4459	Pictiva™ 1.1 inch 128x48 OLED Display, Ocean Blue

## Contact Information

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