



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

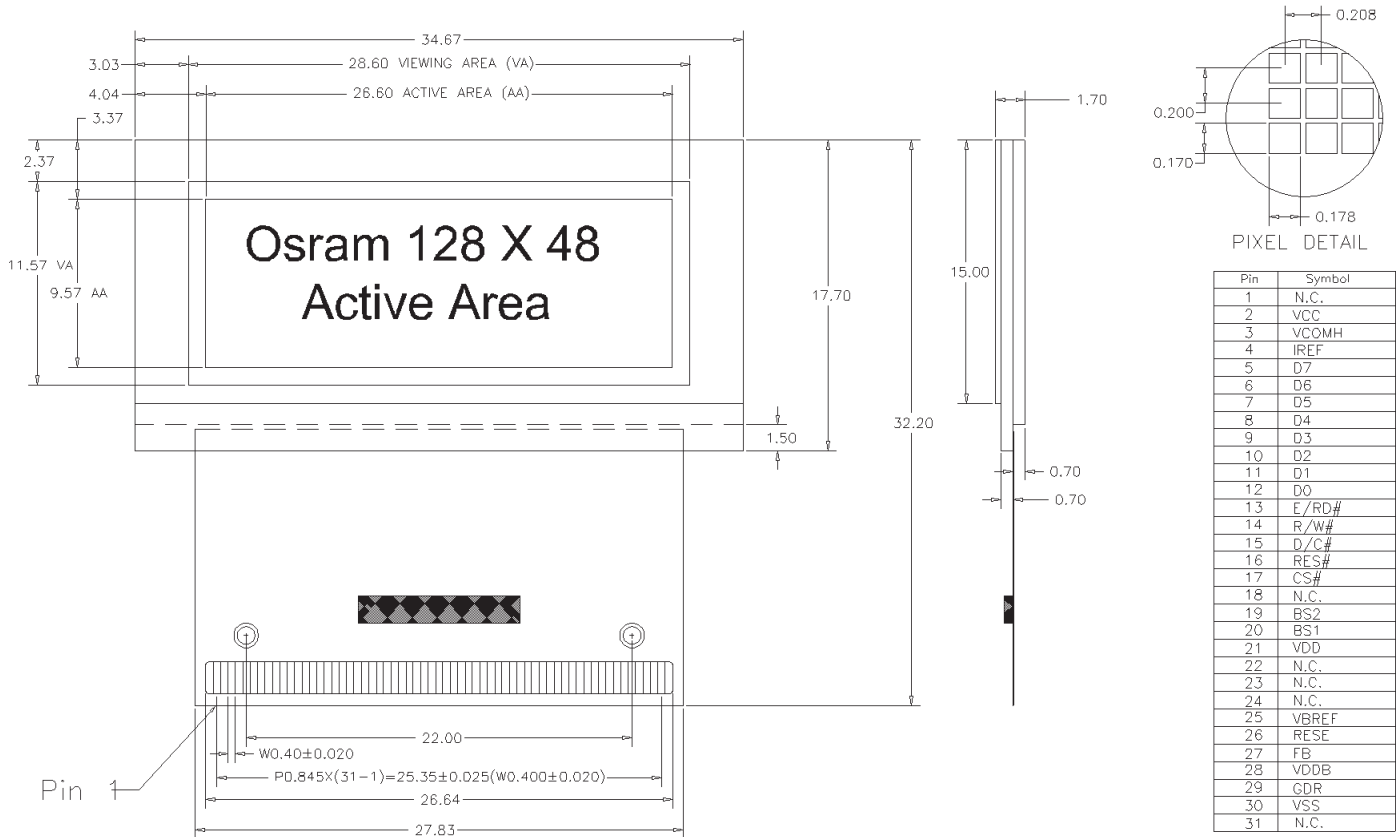
- Mobile Phone sub-display
- MP3 player
- Mobile consumer devices
- Industrial

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 ²	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

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