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

Pictiva™ 0.8-inch
96x16
OLED display

OS096016PP08MxxB10

Features
- Thin profile (1.7mm)
- RoHS compliant
- Low power consumption
- 180° viewing angle
- High contrast
- Long-lifetime OLED

Benefits
- Suits small form-factor applications
- Excellent for battery-powered devices
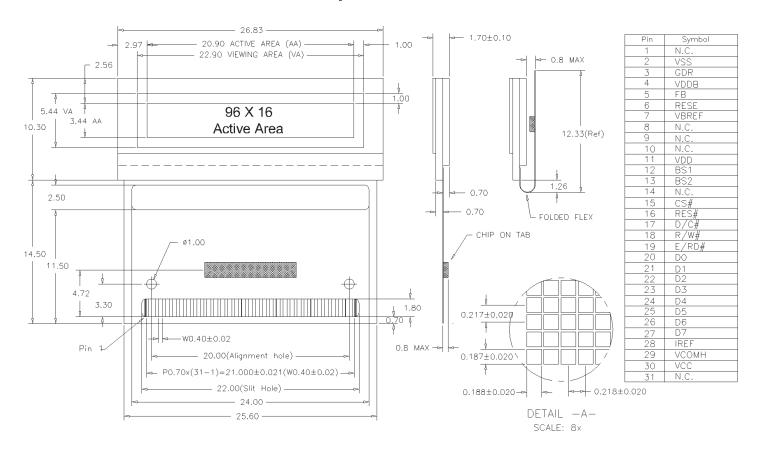- Provides excellent legibility for text and icon display

Applications
- Mobile Devices
- Headsets
- Personal Care

Specifications

Display Format	96 Columns x 16 Rows				
Diagonal	0.8 inch				
Pixel Pitch	0.22 mm x 0.22 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	50	10K
	Galaxy White	0.25	0.25	80	TBA
	Ocean Blue	0.14	0.17	45	TBA
Grayscale	1 bit				
Active Area	21.09 (W) X 3.49 (H) mm				
Module Size	26.83 (W) X 25.3 (H) X 1.76 (T) mm				
Viewing Angle	180°				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30°C to +70°C Operating				
Voltage	2.4V – 3.5V (Logic), 9V (OLED Supply)				
Power	0.05 mW (Sleep Mode)				
Interface	Parallel or Serial (SPI, I^{2}C), TAB interconnect				
Driver	SSD0303 (1-bit)				
Weight	1.2g nominal				

* High Brightness Mode

Mechanical Dimensions and Pin Description

Pin	Symbol
1	N.C.
2	VSS
3	GDR
4	VDDB
5	FB
6	RESE
7	VBREF
8	N.C.
9	N.C.
10	N.C.
11	VDD
12	BS1
13	BS2
14	N.C.
15	CS#
16	RES#
17	D/C#
18	R/W#
19	E/RD#
20	D0
21	D1
22	D2
23	D3
24	D4
25	D5
26	D6
27	D7
28	IREF
29	VCOMH
30	VCC
31	N.C.

Ordering Information

Part Number	Order Number	Description
OS96016PP08MY0B10	Q65110A3982	Pictiva™ 0.8 inch 96x16 OLED Display, Elegance Yellow
OS96016PP08MG1B10	Q65110A4087	Pictiva™ 0.8 inch 96x16 OLED Display, Lime Green
OS96016PP08MO1B10	Q65110A4088	Pictiva™ 0.8 inch 96x16 OLED Display, Tiger Orange
OS96016PP08MW1B10	Q65110A4084	Pictiva™ 0.8 inch 96x16 OLED Display, Galaxy White
OS96016PP08MB2B10	Q65110A4085	Pictiva™ 0.8 inch 96x16 OLED Display, Ocean Blue

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