



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!



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OLED DISPLAY SOLUTIONS

Pictiva™ 1.0-inch 96x36 OLED display



OS096036Px10MxxB10

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

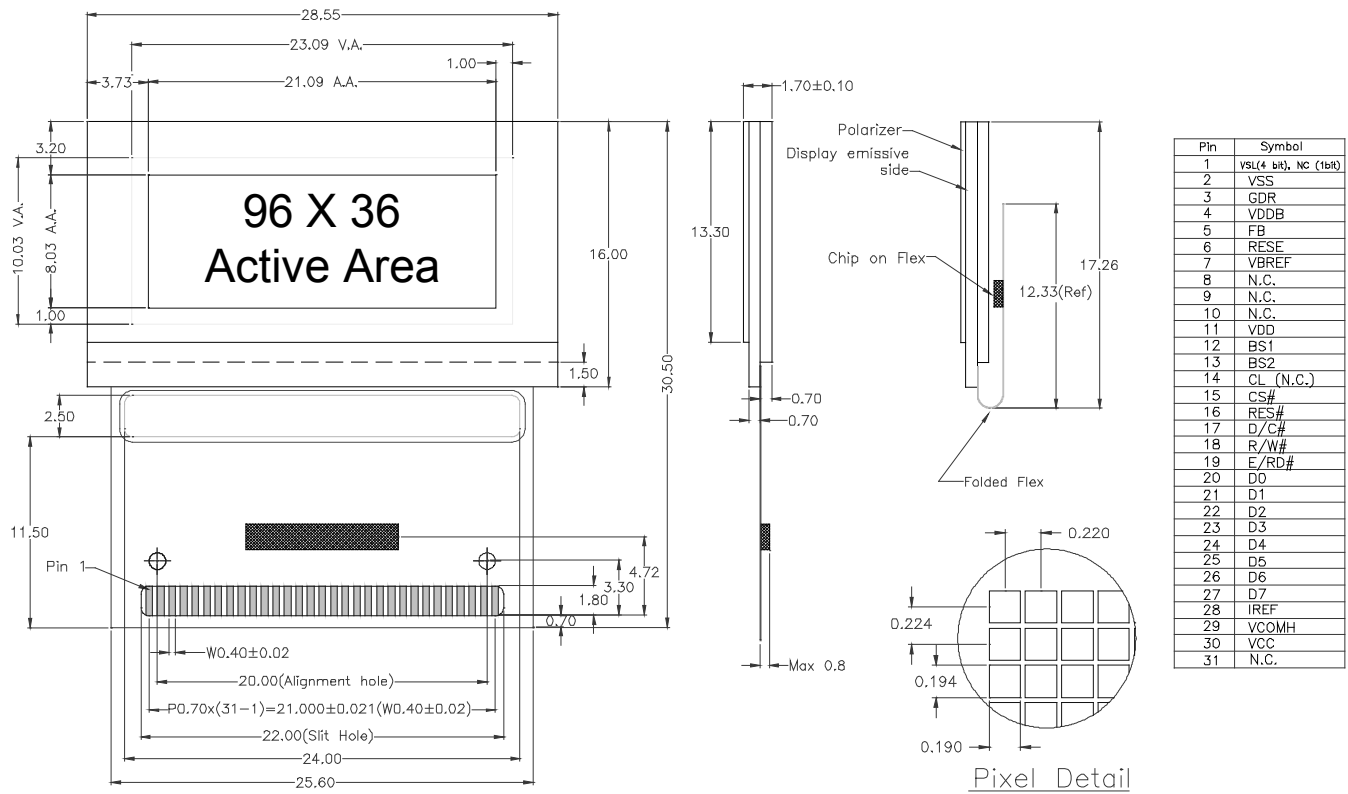
- Mobile Phone sub-display
- MP3 player
- Mobile consumer devices

Specifications

Display Format	96 Columns x 36 Rows				
Diagonal	1.0 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	60	TBA
	Ocean Blue	0.14	0.17	30	TBA
Grayscale	1 or 4 bit				
Active Area	21.1 (W) X 8.0 (H) mm				
Module Size	28.6 (W) X 17.26 (H) X 1.7 (T) mm TAB FOLDED				
Viewing Angle	180°				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30°C to +70°C Operating				
Voltage	2.4V– 3.5V (Logic) 12V typical (OLED Supply)				
Power	0.05 mW (Sleep Mode)				
Interface	Parallel or Serial (SPI, I ² C), TAB interconnect				
Driver	SSD0303 (1-bit), SSD0323 (4-bit) on TAB				
Weight	1.6g nominal				

* High Brightness Mode

Mechanical Dimensions and Pin Description



Ordering Information

Part Number	Order Number	Description
1-bit		
OS096036PP10MY0B10	Q65110A3999	Pictiva™ 1.0 inch 96x36 OLED Display, Elegance Yellow
OS096036PP10MG1B10	Q65110A3998	Pictiva™ 1.0 inch 96x36 OLED Display, Lime Green
OS096036PP10MO1B10	Q65110A3997	Pictiva™ 1.0 inch 96x36 OLED Display, Tiger Orange
OS096036PP10MW1B10	Q65110A4518	Pictiva™ 1.0 inch 96x36 OLED Display, Galaxy White
OS096036PP10MB2B10	Q65110A4000	Pictiva™ 1.0 inch 96x36 OLED Display, Ocean Blue
4-bit		
OS096036PK10MY0B10	Q65110A3994	Pictiva™ 1.0 inch 96x36 OLED Display, Elegance Yellow
OS096036PK10MG1B10	Q65110A3993	Pictiva™ 1.0 inch 96x36 OLED Display, Lime Green
OS096036PK10MO1B10	Q65110A3992	Pictiva™ 1.0 inch 96x36 OLED Display, Tiger Orange
OS096036PK10MW1B10	Q65110A4517	Pictiva™ 1.0 inch 96x36 OLED Display, Galaxy White
OS096036PK10MB2B10	Q65110A3995	Pictiva™ 1.0 inch 96x36 OLED Display, Ocean Blue

Contact Information

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