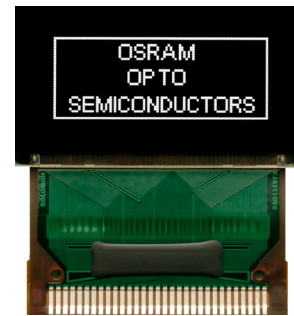


# OLED DISPLAY SOLUTIONS

# 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

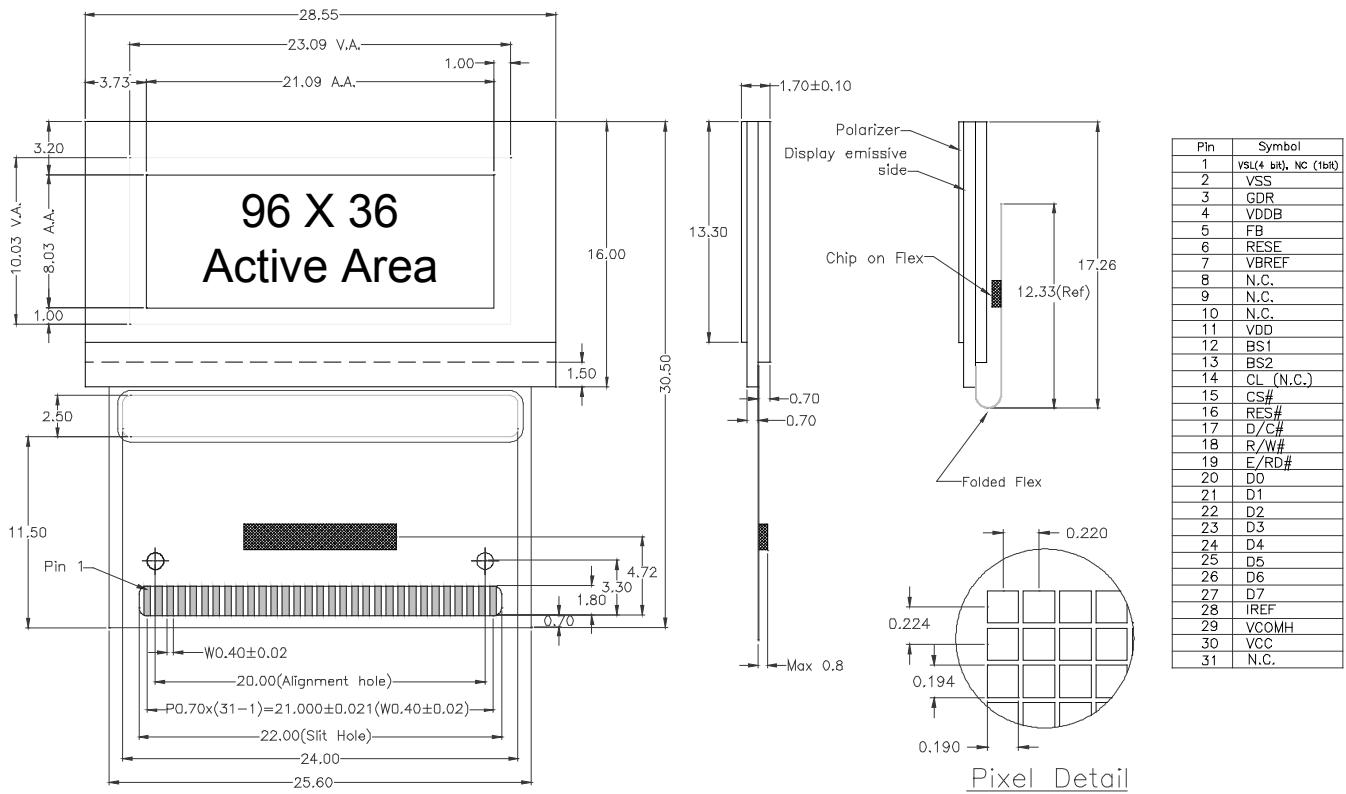
- Mobile Phone sub-display
- MP3 player
- Mobile consumer devices

## 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 <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	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	2.4 V– 3.5V (Logic) 12V typical (OLED Supply)				
Power	0.05 mW (Sleep Mode)				
Interface	Parallel or Serial (SPI, I <sup>2</sup> 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
<b>1-bit</b>		
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
<b>4-bit</b>		
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

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