

OLED DISPLAY SOLUTIONS

Pictiva™ 1.6-inch 128x64 OLED display



OS128064PK16MxxAxx

Features

- Long-life OLED: up to 40K hrs lifetime to 50% luminance
- High brightness, fast response
- High-contrast, 180° viewing angle
- Ultra-thin structure
- Low power consumption

Benefits

- Meets low cost graphic needs
- Video frame rate capable
- Suitable for battery-operated units

Applications

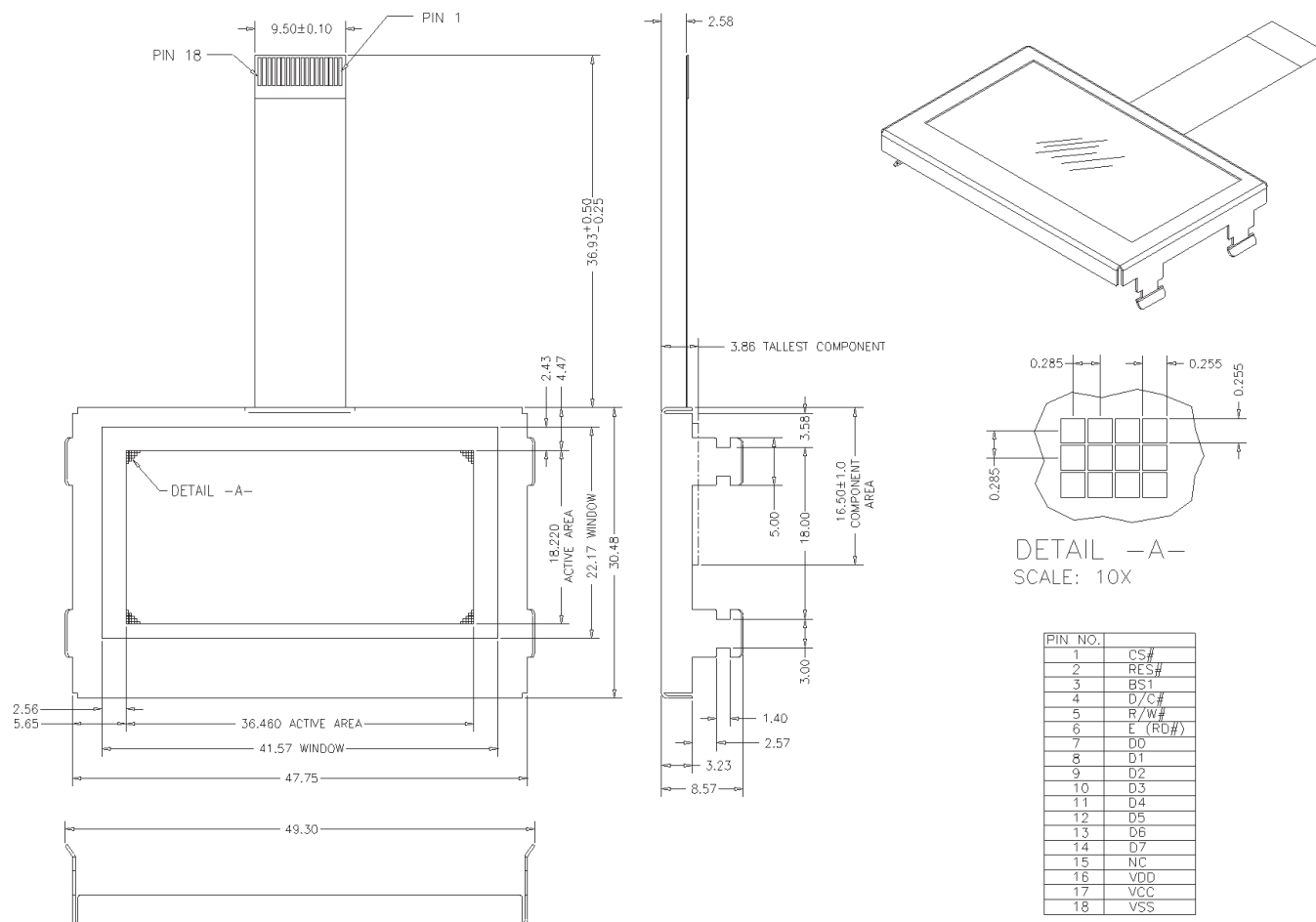
- Handheld Terminals
- Audio Indicators
- Industrial equipment
- Personal care devices
- Server

Specifications

Display Format	128 Columns x 64 Rows				
Diagonal	1.6 inch				
Pixel Pitch	0.285 mm x 0.285 mm				
Color, Luminance & Lifetime	Color On Demand	CIE x	CIE y	cd/m ²	Lifetime hrs, 25°C
	Elegance Yellow	0.46	0.54	100/150*	40K/10K*
	Lime Green	0.37	0.62	100	10K
	Tiger Orange	0.63	0.37	60	10K
Grayscale	4 bit				
Active Area	36.46 (W) X 18.22 (H) mm				
Module Size	28.6 (W) X 17.26 (H) X 1.7 (T) mm excluding bezel tabs and flex; option: no bezel				
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, ZIF interconnect				
Driver	SSD0323 on COF				
Weight	6.5g nominal (excluding bezel)				

* High Brightness Mode

Mechanical Dimensions and Pin Description



Ordering Information

Part Number	Order Number	Description
OS128064PK16MY0A00	Q65110A0950	Pictiva™ 1.6 inch 128x64 OLED Display, Elegance Yellow, Parallel
OS128064PK16MY0A01	Q65110A1668	Pictiva™ 1.6 inch 128x64 OLED Display, Elegance Yellow, Serial
OS128064PK16MG1A00	Q65110A3427	Pictiva™ 1.6 inch 128x64 OLED Display, Lime Green, Parallel
OS128064PK16MO1A00	Q65110A3429	Pictiva™ 1.6 inch 128x64 OLED Display, Tiger Orange, Parallel

Contact Information

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