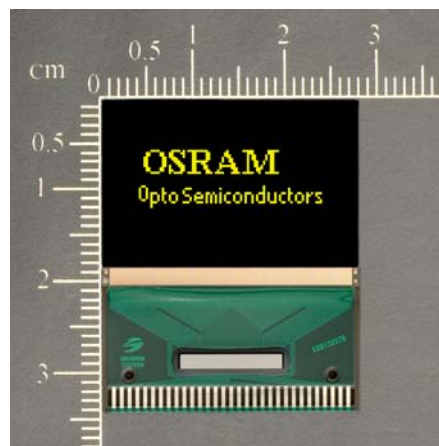


OLED DISPLAY SOLUTIONS

Pictiva™ 0.9-inch 80x48 OLED display



Features

- Long-lifetime OLED
- 180° viewing angle
- Fast response, video capable
- High contrast
- Wide operating temperature range
- RoHS compliant

Benefits

- Ease of readability
- No backlight required
- Low power consumption

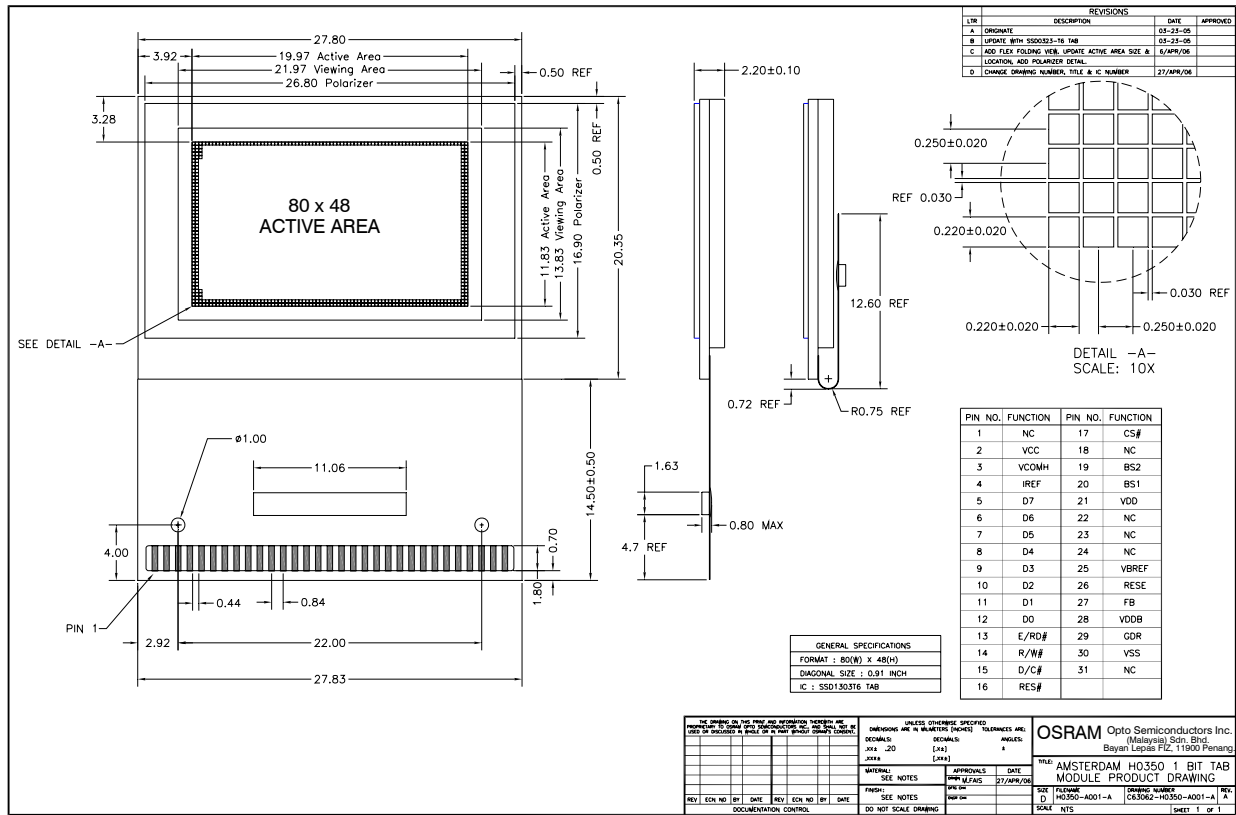
Applications

- Audio/Video
- Entertainment
- Industrial
- Medical
- Instruments

Specifications

Display Format	80 Columns x 48 Rows				
Diagonal	0.9 inch				
Pixel Pitch	0.250 (W) x 0.250 (H) mm				
Color, Luminance & lifetime	Color	CIE x	CIE y	Cd/m ²	Lifetime hrs, 25°C
	Elegance Yellow	0.46	0.54	100	40K
	Lime Green	0.37	0.62	120	10K
	Golden Orange	0.60	0.40	60	10K
Grayscale	1 bit				
Active Area	19.97 (W) X 11.83 (H) mm				
Module Size	27.80 (W) X 34.85 (H) X 2.20 mm (T)				
Viewing Angle	180°				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30°C to 70°C				
Logic Voltage	2.4V – 3.5V				
Supply Voltage	12.5V				
Power Cons.	0.05 mW (sleep mode)				
Interface	Parallel/Serial				
Driver	SSD1303				
Weight	2.54g typical				

Mechanical Dimensions and Pin Description



Ordering Information

Part Number	Order Number	Description
OS080048PN09MY0B10	Q65110A5709	Pictiva™ 0.9 inch 80x48 OLED Display, Elegance Yellow
OS080048PN09G10B10	Q65110A5705	Pictiva™ 0.9 inch 80x48 OLED Display, Lime Green
OS080048PN09O20B10	Q65110A5708	Pictiva™ 0.9 inch 80x48 OLED Display, Golden Orange

Contact Information

OSRAM Opto Semiconductors

Asia :

+60(0) 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

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