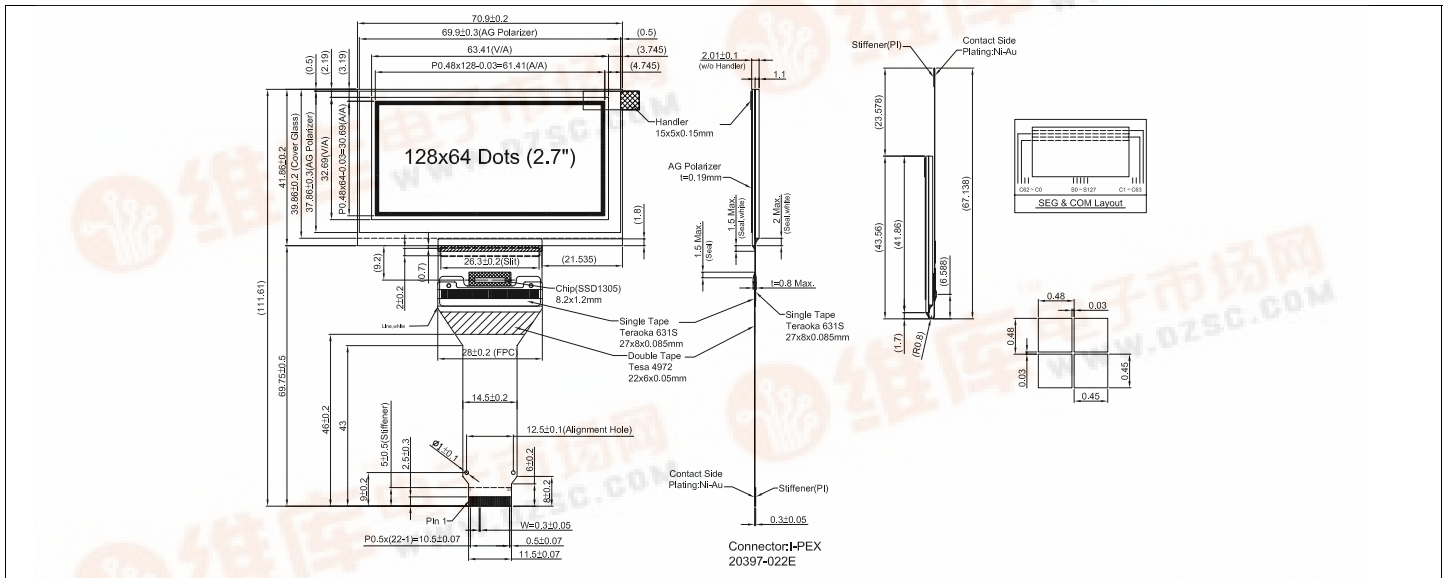


查询"HDR12864-L"供应商 HDR12864-L

Dimensional Drawing

128 X 64 Dots Graphic, Yellow OLED Display



Features

Viewing Angle.....Wide (160 degrees)
High Contrast.....2000:1
Fast Response Time.....10 usec
Built-in DC-DC Converter
Built-in Controller.....SSD1305

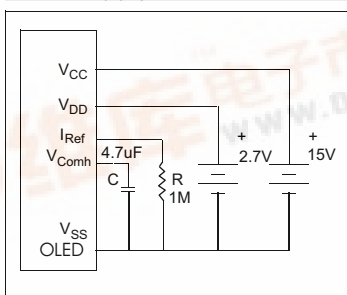
Physical Data

Module Size.....70.9W x111.61H x 2.01T mm
Viewing Area Size.....63.41W x 32.69H mm
Dot Pitch.....0.48W x 0.48H mm
Dot Size.....0.45W x 0.45H mm
Weight.....13 gm

Electrical Characteristics (VCC = 15±5% 25°C)

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	VDD	-	2.4	2.7	3.5	V
OPERATING VOLTAGE	VCC	-	14.5	15	15.5	V
INPUT HIGH VOLTAGE	V _{IH}	-	0.8*V _{DD}		V _{DD}	V
INPUT LOW VOLTAGE	V _{IL}	-	0		0.2V _{DD}	V
OPERATING CURRENT	I _{DD}	All pixels on	-	100	300	uA
OPERATING CURRENT	I _{CC}	All pixels on	-	28	30	mA
POWER CONSUMPTION	P _D	All pixels on	-	420	450	mW
BRIGHTNESS	L	Average	80	100	-	cd/m ²
DRIVE METHOD			1/64 Duty			

Power Supply



Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	VDD	-0.3	3.5	V
SUPPLY VOLTAGE	VCC	8	16	V
INPUT VOLTAGE	V _{IN}	-0.3	V _{DD} + 0.3	V
OPERATING TEMPERATURE	T _{OP}	-40	70	°C
STORAGE TEMPERATURE	T _{STG}	-40	85	°C
LIFE TIME (80/120 Cd/m ²)		60/40k	-	Hrs

Pin Connections

PIN NO.	SYMBOL	FUNCTION
1	VCC	I Power Supply for OLED driver
2	VCOMH	I COM Deselected Voltage Level
3	IREF	I Reference input (connect recom. Res. R)
4	D7	H/L Bi-directional data bus
5	D6	H/L Bi-directional data bus
6	D5	H/L Bi-directional data bus
7	D4	H/L Bi-directional data bus
8	D3	H/L Bi-directional data bus
9	D2	H/L Bi-directional data bus
10	D1	H/L Bi-directional data bus
11	D0	H/L Bi-directional data bus
12	E/RD#	L Read data input
13	R/WR#	L Write data input
14	D/C#	H/L Data-command control input
15	RES#	L Hardware reset input
16	CS#	L Chip select input
17	Bs2	H/L MCU interface selection input
18	Bs1	H/L MCU interface selection input
19	VDD	I Power Supply for internal logic
20	N/C	- No Connection
21	VSS	I Ground Pin
22	VSS	I Ground Pin

This datasheet has been downloaded from:

www.EEworld.com.cn

Free Download

Daily Updated Database

100% Free Datasheet Search Site

100% Free IC Replacement Search Site

Convenient Electronic Dictionary

Fast Search System

www.EEworld.com.cn