

Part number list

AMG12864B□□□-□-□

Feature

1. Built-in controller ST7567
2. Built-in voltage booster
3. +3.3V single power supply
4. SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	CSB	Chip select
2	RSTB	Controller reset signal
3	A0	Data /Command select
4	SCL	Serial Clock Input
5	SDA	Serial Data Input
6	VDD	Power supply voltage
7	VSS	Power supply ground
8	V0	LCD driving voltage for COM(-)
9	XV0	LCD driving voltage for COM(+)
10	NC	No connection
11	NC	No connection
12	VG	LCD driving voltage for SEG
13	LEDA	Power supply for B/L +
14	LEDK	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	35.0 x 31.15	mm
Active Area	28.78 x 20.97	mm
Dot Pitch	0.225 x 0.328	mm
Dot Size	0.205 x 0.308	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VX	8.0	V

Mechanical Drawing

