

Part number list

AMG12864A□□□-□-□

Feature

1. Built-in controller ST7567S
2. Built-in voltage booster
3. +1.8V/2.8V power supply
4. I2C interface

Pin Assignment

Pin No.	Symbol	Description
1~7	NC	No connection
8	VSS	Power supply ground
9	VIO-1V8	+1.8V power supply
10~12	NC	No connection
13	CSB	Chip select
14	RSTB	Controller reset signal
15	A0	Data /Command select
16	NC	No connection
17	NC	No connection
18	SCL	Serial Clock Input
19	SDA	Serial data input
20	NC	No connection
21	VSS	Power supply ground
22	VSS	Power supply ground
23~30	NC	No connection
31	VCC2.8	+2.8V power supply
32	LEDK-	Power supply for B/L -
33	LEDA+	Power supply for B/L +

Mechanical Data

Item	Standard Value	Unit
Module Dimension	26.7 x 19.26	mm
Active Area	21.744 x 10.864	mm
Dot Pitch	0.17 x 0.17	mm
Dot Size	0.15 x 0.15	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage		1.8/2.8	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C		9.0	V

Mechanical Drawing

