

Part number list

AMG128064E□□□-□-□

Feature

1. Built-in controller ST7567
2. Built-in voltage booster
3. +3.3V single power supply
4. 6800/8080 /SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	ESD	ESD protection
2	CSB	Chip select
3	RSTB	Controller reset signal
4	A0	Data /Command select
5	E_RD	Enable signal_Data read
6	RW_WR	Read/Write select signal_Data write
7~14	D0~D7	Data bus line
15	VDD	Power supply voltage
16	VSS	Power supply ground
17	V0	LCD driving voltage for COM(-)
18	XV0	LCD driving voltage for COM(+)
19	VG	LCD driving voltage for SEG
20	C86	6800/8080
21	PSB	Parallel/Serial mode select
22	ESD	ESD protection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	47.9 x 36.9	mm
Active Area	40.93 x 24.93	mm
Dot Pitch	0.32 x 0.39	mm
Dot Size	0.29 x 0.36	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	9.0	V

Mechanical Drawing

