

### Part number list

AMG128128B□□□-□-□

### Feature

1. Built-in controller ST7571
2. Built-in voltage booster
3. +3.3V single power supply
4. 6800 interface

### Pin Assignment

Pin No.	Symbol	Description
1	VEE	Test pin
2	VPP	Test pin
3	VG	LCD driving voltage for SEG
4	VD1	Q
5	XV0	LCD driving voltage for COM(-)
6	V0	LCD driving voltage for COM(+)
7	VM	Bias voltage output
8	VSS	Power supply ground
9	VDD	Power supply voltage
10~17	D7~D0	Data bus line
18	E	Enable signal
19	R/W	Read/Write select signal
20	A0	Data /Command select
21	RES	Controller reset signal
22	CSB	Chip select

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	37.5 x 38.8	mm
Active Area	26.86 x 26.86	mm
Dot Pitch	0.21 x 0.21	mm
Dot Size	0.19 x 0.19	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	12.5	V

### Mechanical Drawing

