

### Part number list

AMG128128A□□□-□-□

### Feature

1. Built-in controller ST7541
2. Built-in voltage booster
3. +3.0V single power supply
4. 6800/8080/SPI interface

### Pin Assignment

Pin No.	Symbol	Description
1~5	V0~V4	LCD driver supply voltage
6	INTRS	Internal resistor select
7	VOUT	Voltage converter output
8	VSS	Power supply ground
9	VDD	Power supply voltage
10~17	DB7~DB0	Data bus line
18	E_RD	Enable signal_Date read
19	RW_WR	Read/Write select signal_Date write
20	A0	Data /Command select
21	RST	Reset signal
22	CSB	Chip select
23	PS1	Parallel/Serial mode select
24	NC	No connection

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	55.0 x 61.5	mm
Active Area	44.78 x 44.78	mm
Dot Pitch	0.35 x 0.35	mm
Dot Size	0.33 x 0.33	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VX	12.9	V

### Mechanical Drawing

