

### Part number list

AMG128064S□□□-□-□

### Feature

1. Built-in controller ST7565
2. Built-in voltage booster
3. +3.0V single power supply
4. 6800/8080/SPI interface

### Pin Assignment

Pin No.	Symbol	Description
1	/CS1	Chip select signal
2	/RES	Reset Signal
3	A0	Data /Command select
4	/WR(RW)	Write signal(Read/Write select signal)
5	/RD(E)	Read signal(Enable signal)
6~13	D0~D7	Data bus line
14	VDD	Power supply voltage
15	VSS	Power supply ground
16	VOUT	Voltage converter output
17	CAP5-	Capacitor for internal DC/DC voltage converter
18	CAP3-	Capacitor for internal DC/DC voltage converter
19	CAP1+	Capacitor for internal DC/DC voltage converter
20	CAP1-	Capacitor for internal DC/DC voltage converter
21	CAP2-	Capacitor for internal DC/DC voltage converter
22	CAP2+	Capacitor for internal DC/DC voltage converter
23	CAP4-	Capacitor for internal DC/DC voltage converter
24	VRS	Reference voltage output
25~29	V1~V5	LCD driver supply voltage
30	VR	Electric volume select
31	C86	6800/8080
32	P/S	Parallel/Serial mode select
33	/HPM	High power mode select
34	/RS	Q

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.48x 0.48	mm
Dot Size	0.44 x 0.44	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	9.9	V

### Mechanical Drawing

