

### Part number list

AMG128064U□□□-□-□

### Feature

1. Built-in controller ST7565R
2. Built-in voltage booster
3. +3.0V single power supply
4. 8080 interface

### Pin Assignment

Pin No.	Symbol	Description
1	VSS	Power supply ground
2	VR	Electric volume select
3~7	V0~V4	LCD driver supply voltage
8	CAP2N	Capacitor for internal DC/DC voltage converter
9	CAP2P	Capacitor for internal DC/DC voltage converter
10	CAP1P	Capacitor for internal DC/DC voltage converter
11	CAP1N	Capacitor for internal DC/DC voltage converter
12	CAP3P	Capacitor for internal DC/DC voltage converter
13	VOUT	Voltage converter output
14	VSS	Power supply ground
15	VDD	Power supply voltage
16	DB7	Data bus line
17	DB6	Data bus line
18	/RD	Date read
19	/WR	Date write
20	A0	Data /Command select
21	/RES	Controller reset signal
22	/CS1	Chip select input pins

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	83.2 x 52.0	mm
Active Area	65.24 x 35.79	mm
Dot Pitch	0.51 x 0.56	mm
Dot Size	0.47 x 0.51	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	9.0	V

### Mechanical Drawing

