

### Part number list

AMG128032C□□□-□-□

### Feature

1. Built-in controller ST7565R
2. Built-in voltage booster
3. +1.8V/2.8V power supply
4. 8080 interface

### Pin Assignment

Pin No.	Symbol	Description
1	CS	Chip select input pins
2	RST	Reset signal
3	A0	Data /Command select
4	WR	Date write
5	RD	Date read
6~13	D0~D7	Data bus line
14	VDD	Power supply voltage
15	VSS	Power supply ground
16	VOOUT	Voltage converter output
17	C3P	Capacitor for internal DC/DC voltage converter
18	C1N	Capacitor for internal DC/DC voltage converter
19	C1P	Capacitor for internal DC/DC voltage converter
20	C2P	Capacitor for internal DC/DC voltage converter
21	C2N	Capacitor for internal DC/DC voltage converter
22~26	V4~V0	LCD driver supply voltage
27	C86	6800/8080
28	PSB	Parallel/Serial mode select

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	63.0 x 28.5	mm
Active Area	56.03 x 14.53	mm
Dot Pitch	0.44 x 0.46	mm
Dot Size	0.40 x 0.42	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	8.0	V

### Mechanical Drawing

