

### Part number list

AMG128064F□□□-□-□

### Feature

1. Built-in controller ST7565R
2. Built-in voltage booster
3. +3.3V single power supply
4. 6800/8080/SPI interface

### Pin Assignment

Pin No.	Symbol	Description
1	NC	No connection
2	CS1	Chip select input pins
3	RSTP	Reset signal
4	A0	Data /Command select
5	WR	Data write
6	RD	Data read
7~14	DB0~7	Data bus line
15	VDD	Power Supply for Logic
16	VSS	Power Supply for Ground
17	VOUT	Voltage converter output
18	CAP3P	Capacitor for internal DC/DC voltage converter
19	CAP1N	Capacitor for internal DC/DC voltage converter
20	CAP1P	Capacitor for internal DC/DC voltage converter
21	CAP2P	Capacitor for internal DC/DC voltage converter
22	CAP2N	Capacitor for internal DC/DC voltage converter
23	V4	LCD driver supply voltage
24	V3	LCD driver supply voltage
25	V2	LCD driver supply voltage
26	V1	LCD driver supply voltage
27	V0	LCD driver supply voltage
28	C86	6800/8080
29	PS	Parallel/Serial mode select
30	NC	No connection

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	56.0 x 37.5	mm
Active Area	47.33 x 23.65	mm
Dot Pitch	0.37 x 0.37	mm
Dot Size	0.34 x 0.34	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	8.7	V

### Mechanical Drawing

