

Part number list

AMG128064K□□□-□-□

Feature

1. Built-in controller ST7566R
2. Built-in voltage booster
3. +3.0V single power supply
4. 6800/8080/SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	CS1B	Chip select
2	RES	Controller reset signal
3	A0	Data /Command select
4	R/W(WR)	Read/Write select signal(Date write)
5	E(RD)	Enable signal(Date read)
6~13	DB	Data Bus Line
14	VSS	Power supply ground
15	VOUT	Voltage converter output
16	CAP3+	Capacitor for internal DC/DC voltage converter
17	CAP1-	Capacitor for internal DC/DC voltage converter
18	CAP1+	Capacitor for internal DC/DC voltage converter
19	CAP2+	Capacitor for internal DC/DC voltage converter
20	CAP2-	Capacitor for internal DC/DC voltage converter
21	VSS	Power supply ground
22~27	V4~0	LCD driver supply voltage
28	VR	Electric volume select
29	C86	6800/8080
30	PS	Parallel/Serial mode select

Mechanical Data

Item	Standard Value	Unit
Module Dimension	62.0 x 40.5	mm
Active Area	51.16 x 25.56	mm
Dot Pitch	0.40x 0.40	mm
Dot Size	0.36 x 0.36	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	10.3	V

Mechanical Drawing

