

Part number list

AMG128064W□□□-□-□

Feature

1. Built-in controller ST7565P
2. Built-in voltage booster
3. +3.0V single power supply
4. SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	/CS	Chip select signal for IC
2	RES	Reset signal
3	A0	Data /Command select
4	SCL	Serial clock input
5	SI	Serial data input
6	VDD	Power supply voltage
7	VSS	Power supply ground
8	VOUT	Voltage converter output
9	C+3	Capacitor for internal DC/DC voltage converter
10	C1-	Capacitor for internal DC/DC voltage converter
11	C1+	Capacitor for internal DC/DC voltage converter
12	C2+	Capacitor for internal DC/DC voltage converter
13	C2-	Capacitor for internal DC/DC voltage converter
14~18	V4~V0	LCD driver supply voltage
19	NC	No connection
20	A	Power supply for B/L +
19	K	Power supply for B/L -
19	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	78.1 x 57.5	mm
Active Area	66.54 x 39.98	mm
Dot Pitch	0.52x 0.63	mm
Dot Size	0.50 x 0.61	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	8.6	V

Mechanical Drawing

