

### Part number list

AMG008001A □□□-□□-□□-□

### Feature

1. Built-in controller ST7028 or equivalent
2. +3.3V single power supply
3. I2C interface

### Pin Assignment

Pin No.	Symbol	Description
1	ESD	Power Supply Ground
2	RSTB	Reset Input
3	SCL	I2C Bus serial Clock Input
4	SDA	I2C Bus serial Data Input/Output
5	VSS	Power Supply Ground
6	VDD	Power Supply Voltage
7	AVDD	AVDD is the source of VG regulator
8	VO	For common circuits at negative frame
9	XVO	For common circuits at positive frame
10	ESD	Power Supply Ground

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	67.0 x 29.7	mm
Viewing Area	61.0 x 15.7	mm
Dot Size	1.20 x 1.38	mm
Character Size	6.24 x 11.46	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-VO	4.7	V

### Mechanical Drawing

