

### Part number list

AMG008002B □□□-□□-□□-□

### Feature

1. Built-in controller ST7032 or equivalent
2. +3.3V single power supply
3. I2C interface

### Pin Assignment

Pin No.	Symbol	Description
1	VO	Test Pin For VLCD, Leave it open
2	VOUT	Power Supply Voltage For LCD
3	CAPIN	For voltage booster circuit (VDD-VSS)
4	CAPIN	External Capacitor about 0.1u-4.7uF
5	VDD	Power Supply Voltage
6	VSS	Power Supply Ground
7	SDA	I2C Bus serial Data Input/Output
8	SCL	I2C Bus serial Clock Input
9	XRSETB	Reset Input

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	30.0 x 19.5	mm
Viewing Area	27.0 x 10.5	mm
Dot Size	0.45 x 0.50	mm
Character Size	2.45 x 4.35	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

