

COG1602-13

Character 16x2

Part number list

AMG016002D- - -

Feature

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

Pin Assignment

Pin No.	Symbol	Description
1	RST	Reset Input Pin
2	RS	Resister Select Input Pin
3	CSB	Chip Select In Parallel Mode And Serial Interface
4	DB6 (SCL)	In serial Interface Data Bit6(SCL) Serial Clock In I2C Interface Data Bit6(SCL) is Clock Input
5	DB7 (SDA)	In serial Interface Data Bit7(SCL) Serial Clock In I2C Interface Data Bit7(SCL) is Clock Input
6	VSS	Power Supply Ground
7	VDD	Power Supply Voltage
8	PSB	Interface Selection 0 : Serial Mode / 1 : I2C Mode
9	PSI2B	PSB PSI2B Interface
		0 1 SI4
		1 0 SI2(I2C)
10	CAPIP	For voltage booster circuit(VDD-VSS)
11	CAPIN	External Capacitor about 0.1u-4.7uF
12	VOUT	DC/DC Voltage Converter

Mechanical Data

Item	Standard Value	Unit
Module Dimension	67.0 x 29.7	mm
Viewing Area	61.0 x 15.7	mm
Dot Size	0.55 x 0.60	mm
Character Size	2.95 x 5.22	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3	V

Mechanical Drawing

