

Part number list

AMG082128A□□□-□-□

Feature

1. Built-in controller UC1617S
2. +3.0V single power supply
3. Built-in voltage booster
4. SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	GND	Ground
2	D0(SCK)	Power Supply for Logic
3	D3(SDA)	Power Supply for LCD
4	/RST	Reset signal
5	SCO	Chip select
6	CD	Data/Instruction select signal
7	TST4	Test pin
8	ID	Debug use
9	VDD	Power supply voltage
10	VSS	Power supply ground
11	VB0+	DC/DC voltage converter
12	VB1+	DC/DC voltage converter
13	VB1-	DC/DC voltage converter
14	VB0-	DC/DC voltage converter
15	VLCD	Power supply voltage for LCD
16	GND	Ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	50.0 x 72.0	mm
Active Area	36.46 x 56.94	mm
Dot Pitch	0.45 x 0.45	mm
Dot Size	0.42 x 0.42	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	14.5	V

Mechanical Drawing

