

Part number list

AMG176064A□□□-□-□

Feature

1. Built-in controller ST7525
2. Built-in voltage booster
3. +3.0V single power supply
4. SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	ESD	ESD protection
2	XV0	LCD Driving voltage (+)
3	V0	LCD Driving voltage (-)
4	VDD	Power supply voltage
5	VSS	Power supply ground
6	CS	Chip select input pins
7	A0	Data /Command select
8	RST	Reset signal
9	SCL	Serial Clock Input
10	SDA	Serial data input
11	ESD	ESD protection
12	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	58.2 x 29.5	mm
Active Area	49.25 x 17.89	mm
Dot Pitch	0.28 x 0.28	mm
Dot Size	0.25 x 0.25	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	10.0	V

Mechanical Drawing

