

Part number list

AMG240160C□□□-□-□

Feature

1. Built-in controller ST75256
2. Built-in oscillation and voltage regulator
3. +3.3V single power supply
4. 6800 / 8080 / SPI / I2C interface

Pin Assignment

Pin No.	Symbol	Description
1	ESD	ESD protection
2	VG	LCD driving voltage for segment circuits
3	V0	For common circuits at positive frame
4	XV0	For common circuits at negative frame
5	C1P	Capacitor for internal DC/DC voltage converter
6	C1N	Capacitor for internal DC/DC voltage converter
7	VDD	Power supply
8	VSS	Ground
9	IF1	Selects interface operation mode
10	IF0	Selects interface operation mode
11	CSB	Chip select input pin
12	A0	H: Instruction code, L: Data code
13	RD	Read signal
14	WR	Write signal
15	RETB	Hardware reset input pin
16~23	D0~D7	Data bus line
24	EXTB	Extension operation mode
25	VPP	Programming power supply
26	ESD	ESD protection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	76.0 x 62.3	mm
Active Area	63.58 x 43.98	mm
Dot Pitch	0.265 x 0.275	mm
Dot Size	0.245 x 0.255	mm

Electrical Characteristics

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

Mechanical Drawing

