

Part number list

WG320240BX-□□□-□□#

Feature

1. Diagonal 5.7 inch
2. Built-in controller S1D13700
3. Built-in oscillation and negative voltage
4. +5V single power supply
5. 6800/8080 interface
6. FFC connector

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Ground
2	V _{DD}	Power supply for logic
3	V _O	Contrast Adjustment
4	A0	Data/ Instruction select signal
5	/WR	Data write. Write data into LCD Controller
6	/RD	Data read. Read data from LCD Controller
7~14	DB0~DB7	Data bus line
15	/CS	Chip select input pins
16	/RES	Controller reset signal, Active Low
17	V _{EE}	Negative Voltage Output
18	SEL	Interface selection 6800/8080
19	FG	Frame ground
20	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	160.0 x 109.0	mm
Active Area	115.18 x 86.38	mm
Dot Pitch	0.36 x 0.36	mm
Dot Size	0.34 x 0.34	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	23.6	V

Mechanical Drawing

