

Part number list

BO12864D1□□□□\$

Feature

1. Built-in controller ST7541
2. Built-in oscillation and voltage regulator
3. +3V single power supply
4. 6800 interface
5. 4-Gray scale available

Pin Assignment

Pin	Symbol	Function
1	GND	Ground
2	VDD	Power supply(3V)
3	DB7	Data bus
4	DB6	Data bus
5	DB5	Data bus
6	DB4	Data bus
7	DB3	Data bus
8	DB2	Data bus
9	DB1	Data bus
10	DB0	Data bus
11	E	Enable signal
12	R/W	H : read L : write
13	A0	H : data L: Instruction
14	/RES	Reset H: Disable L: Enable
15	/CS	H: chip selected L: chip unselected
16	GND	Ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	52.0 x 42.0	mm
Active Area	44.77 x 27.49	mm
Dot Pitch	0.35 x 0.43	mm
Dot Size	0.32 x 0.40	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-VO	9.0	V

Mechanical Drawing

