

Part number list

WG12864C-□□□-□□#
 BG12864C1□□□□□\$
 SG12864I□□□-□□-□□-□

Feature

1. Built-in controller NT7108 or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 6800 interface

Pin Assignment

Pin	Symbol	Function
1	/CS1	Chip select for IC1
2	/CS2	Chip select for IC2
3	Vss	GND
4	Vdd	Power supply (+5V)
5	Vo	Contrast adjustment
6	D/I	Data / instruction
7	R/W	Data read/write
8	E	H -->L Enable signal
9~16	DB0~7	Data bus line
17	/RST	Reset signal
18	Vee	Negative voltage output
19	A	Power supply for B/L (+)
20	K	Power supply for B/L (GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	78.0 x 70.0	mm
Active Area	56.28 x 38.38	mm
Dot Pitch	0.44 x 0.60	mm
Dot Size	0.40 x 0.56	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	9.0	V

Mechanical Drawing

