

Part number list

WG12864K-□□□-□□#

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	Vss	Ground
2	Vdd	Supply voltage for logic
3	VO	Operating voltage for LCD
4	D/I	H: Data , L: Instruction
5	R/W	H: Read(MPU←Module) , L: Write(MPU→Module)
6	E	Enable signal
7~14	DB0~DB7	Data bus line
15	CS1	Chip Select for IC1
16	CS2	Chip Select for IC2
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	113.0 x 53.0	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	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	9.4	V

Mechanical Drawing

