

Part number list

WG12864M-□□□-□□#

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 | 95.5 x 50.2 | 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 |

Mechanical Drawing

