

### Part number list

WG19264A-□□□-□□#

### Pin Assignment

| Pin No. | Symbol | Description                         |
|---------|--------|-------------------------------------|
| 1       | VSS    | Ground                              |
| 2       | VDD    | Power supply for logic              |
| 3       | VO     | Contrast Adjustment                 |
| 4       | RS     | Data/ Instruction select signal     |
| 5       | R/W    | Read/Write select signal            |
| 6       | E      | Enable signal                       |
| 7       | DB0    | Data bus line                       |
| 8       | DB1    | Data bus line                       |
| 9       | DB2    | Data bus line                       |
| 10      | DB3    | Data bus line                       |
| 11      | DB4    | Data bus line                       |
| 12      | DB5    | Data bus line                       |
| 13      | DB6    | Data bus line                       |
| 14      | DB7    | Data bus line                       |
| 15      | CS1    | Chip select IC1 ( Column 1 ~ 64)    |
| 16      | RES    | Controller reset signal, Active Low |
| 17      | CS2    | Chip select IC2 ( Column 65 ~ 128)  |
| 18      | CS3    | Chip select IC3 ( Column 128 ~ 192) |
| 19      | Vee    | Negative Voltage Output             |
| 20      | A      | Power supply for B/L +              |

### Feature

1. Built-in controller NT7108 or equivalent
2. Built-in oscillation
3. +5V single power supply
4. 6800 interface
5. (Option) Built-in Negative voltage

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 130.0 x 65.0   | mm   |
| Active Area      | 95.96 x 31.96  | mm   |
| Dot Pitch        | 0.50 x 0.50    | mm   |
| Dot Size         | 0.46 x 0.46    | 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 | 8.0            | V    |

### Mechanical Drawing

