

Part number list

SG128128A□□□-□□-□□-□

Feature

1. Built-in controller T6963C or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 8080 interface

Pin Assignment

| Pin | Symbol | Function |
|------|--------|--|
| 1 | Vss | GND |
| 2 | Vdd | Power supply(+5V) |
| 3 | Vo | Contrast adjustment |
| 4 | C/D | Command/data |
| 5 | /RD | Data read |
| 6 | /WR | Data write |
| 7~14 | DB0~7 | Data bus line |
| 15 | /CE | Chip enable |
| 16 | /RST | Reset signal |
| 17 | Vee | Negative voltage output |
| 18 | MD2 | Column No. selection (H:32 column, L: 40 columns) |
| 19 | FS | Font selection (H:6x8,L:8x8) |
| 20 | NC | No connection |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 88.0 x 88.0 | mm |
| Active Area | 63.96 x 63.96 | 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 | 18.5 | V |

Mechanical Drawing

