

Part number list

BG128128E□□□□□\$

Feature

1. Built-in controller SAP1024B or equivalent
2. Built-in oscillation
3. +5V single power supply
4. 8080 interface
5. RGB LED backlight
6. (Option) Built-in Negative voltage

Pin Assignment

| Pin | Symbol | Description |
|-------|--------|------------------------------|
| 1 | FGND | Frame ground |
| 2 | Vss | Ground |
| 3 | Vdd | Power supply for logic (+5V) |
| 4 | Vo | Contrast adjustment |
| 5 | /WR | Data write. |
| 6 | /RD | Data read. |
| 7 | /CE | Chip enable |
| 8 | C/D | Command/Data read/write |
| 9 | /RESET | Reset signal |
| 10-17 | DB0~7 | Data bus line |
| 18 | Fs | Font selection |
| 19 | A | Power supply for BL (+) |
| 20 | KR | Power supply for BL (GND) |
| 21 | KG | Power supply for BL (GND) |
| 22 | KB | Power supply for BL (GND) |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 106.0 x 92.0 | mm |
| Active Area | 70.35 x 70.35 | mm |
| Dot Pitch | 0.55 x 0.55 | mm |
| Dot Size | 0.50 x 0.50 | 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 | TBD | V |

Mechanical Drawing

