

Part number list

AMG128064V□□□-□-□

Feature

1. Built-in controller NT7538
2. Built-in voltage booster
3. +3.3V single power supply
4. 8080 interface

Pin Assignment

| Pin No. | Symbol | Description |
|---------|---------|--|
| 1 | /CS1 | Chip select input pins |
| 2 | RST | Reset signal |
| 3 | A0 | Data /Command select |
| 4 | /WR | Date write |
| 5 | /RD | Date read |
| 6~13 | DB0~DB7 | Data bus line |
| 14 | VDD | Power supply voltage |
| 15 | VSS | Power supply ground |
| 16 | VOUT | Voltage converter output |
| 17 | CAP4+ | Capacitor for internal DC/DC voltage converter |
| 18 | CAP3+ | Capacitor for internal DC/DC voltage converter |
| 19 | CAP1- | Capacitor for internal DC/DC voltage converter |
| 20 | CAP1+ | Capacitor for internal DC/DC voltage converter |
| 21 | CAP2+ | Capacitor for internal DC/DC voltage converter |
| 22 | CAP2- | Capacitor for internal DC/DC voltage converter |
| 23~26 | V1~V4 | LCD driver supply voltage |
| 27 | V0 | LCD driving voltage |
| 28 | NC | No connection |

Mechanical Data

| Item | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 93.5 x 52.9 | mm |
| Active Area | 66.54 x 33.26 | mm |
| Dot Pitch | 0.52 x 0.52 | mm |
| Dot Size | 0.50 x 0.50 | mm |

Electrical Characteristics

| Item | Symbol | Standard Value | Unit |
|---|--------|----------------|------|
| | | typ. | |
| Input Voltage | VDD | 3.3 | V |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | VDD-VX | 10.0 | V |

Mechanical Drawing

