

### 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     | Data write                                     |
| 5       | /RD     | Data read                                      |
| 6~13    | DB0~DB7 | Data bus line                                  |
| 14      | VDD     | Power supply voltage                           |
| 15      | VSS     | Power supply ground                            |
| 16      | VOOUT   | 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<br>typ. | Unit |
|---------------|--------|------------------------|------|
| Input Voltage | VDD    | 3.3                    | V    |

### Mechanical Drawing

