

### Part number list

AMG240128A□□□-□-□

### Feature

1. Built-in controller UC1608
2. Built-in voltage booster
3. +3.3V single power supply
4. 6800/8080 interface

| Pin No. | Symbol | Description   |
|---------|--------|---|
| 1       | VB1-   | DC/DC voltage converter                                 |
| 2       | VB1+   | DC/DC voltage converter                                 |
| 3       | VB0-   | DC/DC voltage converter                                 |
| 4       | VB0+   | DC/DC voltage converter                                 |
| 5       | VLCD   | Power supply voltage for LCD                            |
| 6       | VSS    | Power supply ground                                     |
| 7       | VDD    | Power supply voltage                                    |
| 8~15    | D0~D7  | Data bus line   |
| 16      | WR1    | 8080 family:Read signal, 6800 family:Enable clock       |
| 17      | WR0    | 8080 family:Write signal, 6800 family:Read/Write signal |
| 18      | CD     | Data/Instruction select signal                          |
| 19      | RST    | Reset signal  |
| 20      | CS     | Chip select input pins                                  |

### Mechanical Data

| Item             | Standard Value  | Unit |
|------------------|-----------------|------|
| Module Dimension | 96.0 x 44.13    | mm   |
| Active Area      | 82.775 x 44.135 | mm   |
| Dot Pitch        | 0.345 x 0.345   | mm   |
| Dot Size         | 0.32 x 0.32     | 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 | 14.8           | V    |

### Mechanical Drawing

