

### Part number list

RX2002A - □□□ - □□ - □

### Feature

1. Built-in controller ST7036
2. +3V / +5V single power supply
3. I2C interface

### Pin Assignment

| Pin No. | Symbol | Description                         |
|---------|--------|-------------------------------------|
| 1       | Vout   | Positive Voltage output             |
| 2       | CAP1N  | DC/DC voltage converter.            |
| 3       | CAP1P  | DC/DC voltage converter.            |
| 4       | VDD    | Power supply for logic              |
| 5       | VSS    | Ground                              |
| 6       | SDA    | Serial input data                   |
| 7       | SCL    | Serial clock input                  |
| 8       | RST    | Controller reset signal, Active Low |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 74.2 x 25.2    | mm   |
| Viewing Area     | 61.0 x 15.1    | mm   |
| Dot Size         | 0.45 x 0.54    | mm   |
| Character Size   | 2.45 x 4.67    | mm   |

### Electrical Characteristics

| Item          | Symbol | Standard Value | Unit |
|---------------|--------|----------------|------|
|               |        | typ.           |      |
| Input Voltage | VDD    | 3 / 5          | V    |

### Mechanical Drawing

