

## SMBus-Reader

Design-In Tool

P/N: 100122

Distributed by:



### Features:

- Simple and easy read out of SMBus batteries
- Display information direct from the battery, controlled by only two buttons
- No external PSU required
- Compatible with all SMBus batteries with 5 way blade connector
- All information displayed could be sent via standard RS232 interface to a connected host
- Screen: 16\*2

### Applications:

The ideal and essential SMBus battery diagnostic tool for development engineers

## Following SMBus Quick Info will be shown on the screen

| Display information      | Value        |
|--------------------------|--------------|
| Start Screen             |              |
| Software version         |              |
| Send data info           |              |
| Battery uses PEC         | YES or NO    |
| Time alarm               | min          |
| Capacity alarm           | mAh          |
| Time to full             | min          |
| Time to empty            | min          |
| Charging current         | mA           |
| Charging voltage         | mV           |
| Max. error               | %            |
| Cycle count              | #            |
| Mode register            | Hex          |
| State register           | Hex          |
| Design voltage           | mV           |
| Design capacity          | mAh          |
| Absolut state of charge  | %            |
| Full capacity            | mAh          |
| Remaining capacity       | mAh          |
| Relative state of charge | %            |
| NTC measured             | Ohm          |
| Temperature              | K and C      |
| Current (SMBus)          | mA           |
| Voltage measured         | mV           |
| Voltage (SMBus)          | mV           |
| Manufacture date         | YYYY/MM/DD   |
| Serial number            | #            |
| Specification ID         |              |
| Chemistry                | LION e.g.    |
| Battery name             | RRCxxxx e.g. |
| Manufacturer             | RRC e.g.     |

| Mechanical Details |                         |
|--------------------|-------------------------|
| Dimensions (LxWxH) | 94.00 x 58.00 x 25.00mm |
| Weight             | 68g                     |

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