SIEB & MEYER

# 026.44.0065

## Battery Replacement
## Technical Information

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## Trademarks



## SIEB & MEYER worldwide

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# 1 Check/Replace Battery



On the RAM/RTC option module 026.44.0065 an IC is placed. It supplies an RTC (real time clock) and an SRAM (static memory) with voltage via a 3 V lithium cell.

On battery replacement the content of the static memory (e.g. final values of nut setting and pressing cycles) and the clock setting become lost.


*Fig. 1: IC component on the PCB*

SIEB & MEYER recommends to check or replace the battery after an operating time of 5 years. Besides the battery must be replaced, when the following errors occur:

- After switch-off the information of the integrated clock becomes lost.
- The final value data sets and the customized settings are not correct.

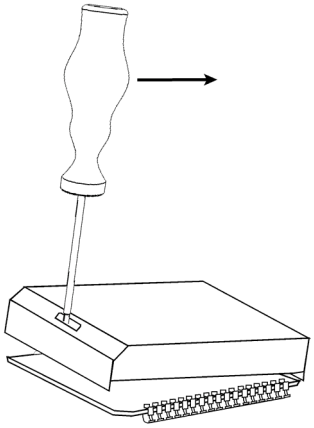
If the IC component on your PCB is not the one shown in the picture above, it is a previous version. It is not possible to replace the battery of these devices. Therefore the module must be replaced.

The battery is fixed in the cap of the IC component. For this reason the complete cap must be replaced. You can order the IC component at SIEB & MEYER:

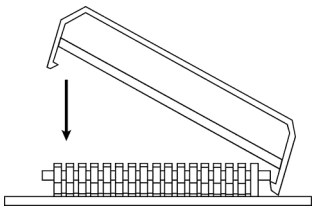
| Component | SIEB & MEYERArticle number |
|---|---|
| DS9034PCX (Maxim) with 3 V lithium cell | 25735109 |

Proceed as follows to check or replace the battery.

- ✦ Completely disconnect the device from power supply.
- ✦ Remove the cap of the component: Put a standard screwdriver into the slot of the IC cap and pull back the screwdriver handle.



- ✦ Check the voltage of the lithium cell placed in the cap. If the voltage is below 2.8 V, you should replace the battery/IC cap.
- ✦ Fasten the (new) cap: At first align the back of the cap on the module base board. Then push the front of the cap down until you hear it click into place.



- ✦ Put the module into operation again.
- ✦ Set the clock and your customized data.