

## Service data bulletin



Instrument: GDS101  
SDB: Batteries in the GDS101

Date: 26.01.2007  
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### BATTERIES IN GDS101

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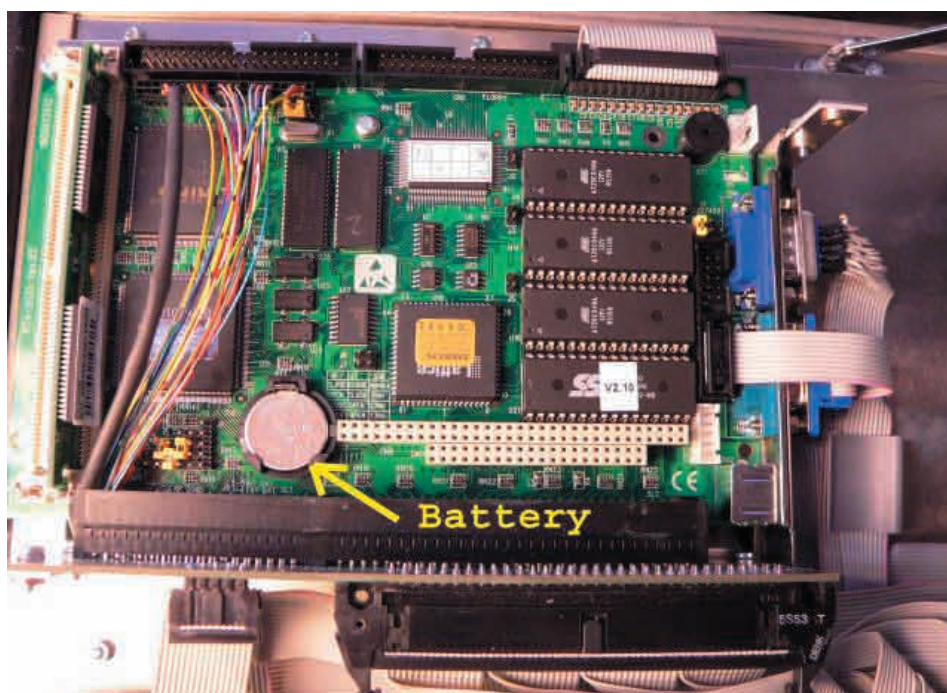
There are two batteries in the GDS101.

On the CPU board a battery keeps the setup of CPU.  
The GDS101 will not initialize properly if the battery is flat

On the I/O board a battery keeps the 24 hours history recording.

#### **CPU type PCA6135**

This CPU has been in use since serial number 99950 (1999)  
Untill 2007 we have had no battery problems with this CPU.  
Battery part number ZZG-01005



## CPU type ASC386SX and UGH386SX

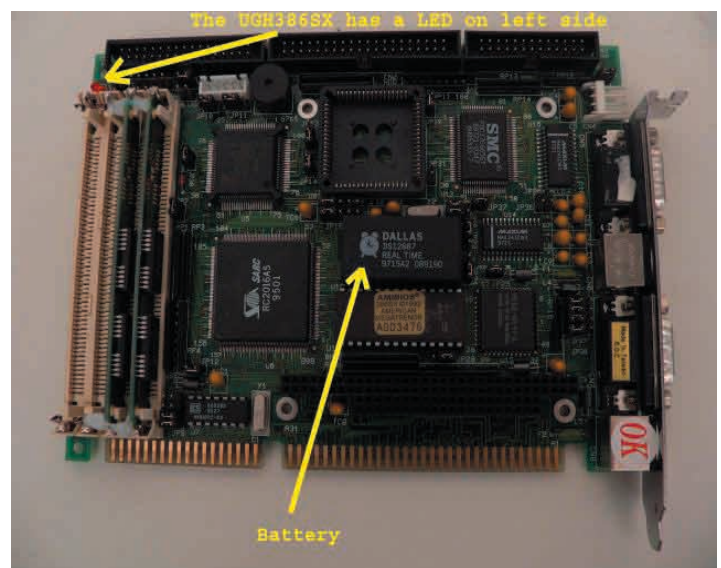
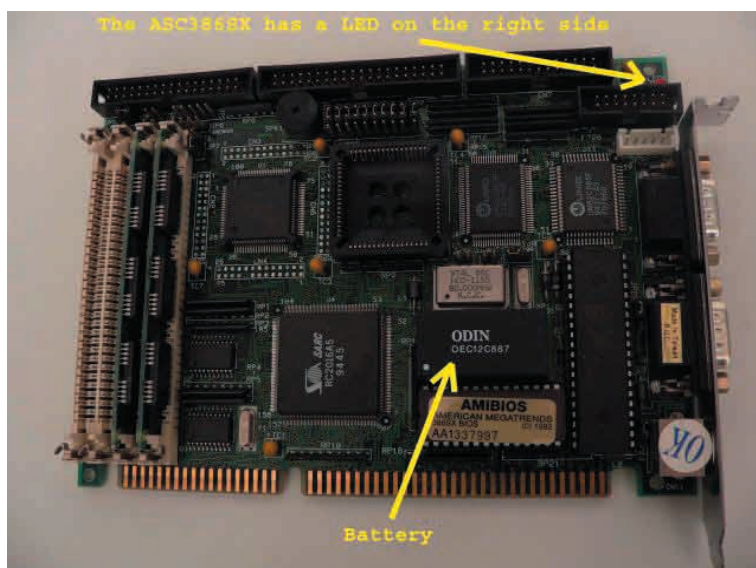
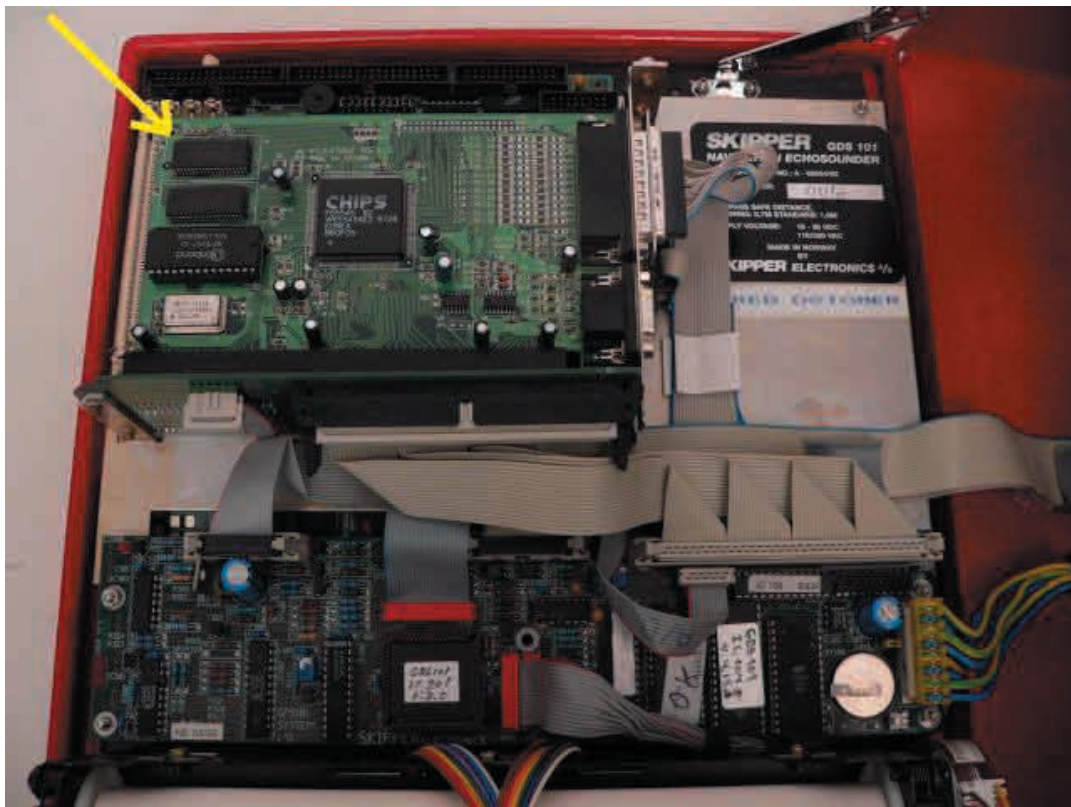
On GDS101 units before 99950 there is a sepates CPU and a VGA board.  
The CPU is placed behind the VGA board.

NOTE! SKIPPER Electronics does not support these boards any more.

Our recomandations is to send the unit to SKIPPER Electronics to be updated to PCA6135.

Battery for CPU type ASC386SX and UGH386SX is still available (Jan 2007). Part number ZZG-01002.  
There are no warrenty on these batteries.

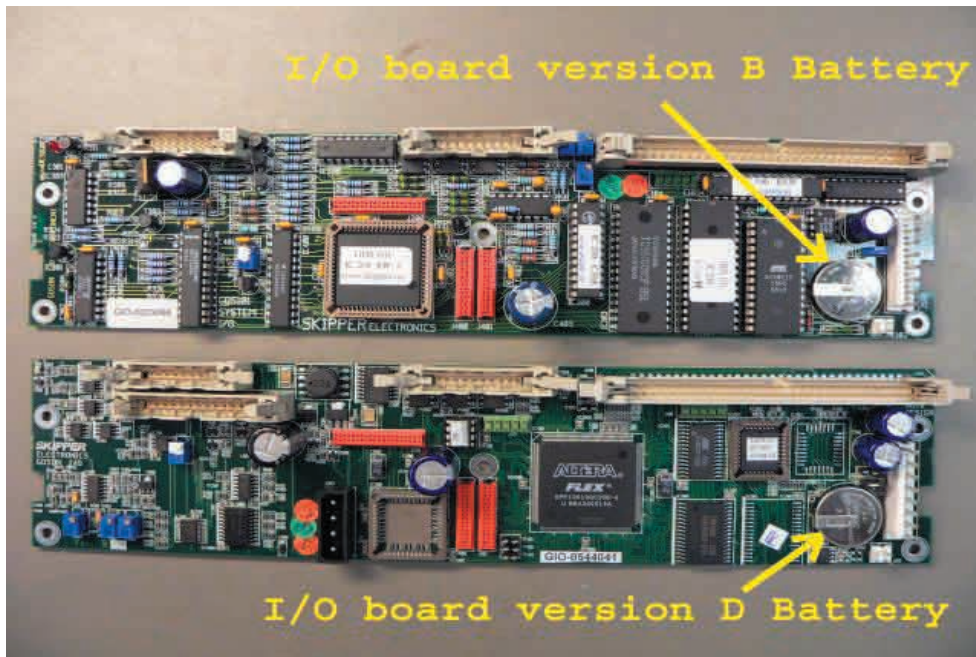
CPU behing this VGA board



## Battery on I/O board

Part number ZZG-01003

This battery is the same type as for CPU PCA6135 but has got to pins mounted to be soldered into the PCB.



### PLEASE NOTE! Back-up Battery Jumper

After installation is complete and system power is applied, it is necessary to connect the history memory battery to provide power to the History Memory during system power failure.

Refer to Fig. for the correct setting of the History Memory battery jumper "ON" position.

This jumper should be set to the "OFF" position only during extended unit storage periods. The onboard battery is loaded only when no power is applied to the power terminals.

