

**battclock**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> battclock		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		July 19, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## battclock

### 1.1 battclock.doc

```
ReadBattClock()  
ResetBattClock()  
WriteBattClock()
```

### 1.2 battclock.resource/ReadBattClock

#### NAME

ReadBattClock -- Read time from clock chip. (V36)

#### SYNOPSIS

```
AmigaTime = ReadBattClock( )
```

```
ULONG ReadBattClock( void );  
D0
```

#### FUNCTION

This routine reads the time from the clock chip and returns it as the number of seconds from 01-jan-1978.

#### INPUTS

#### RESULTS

AmigaTime	The number of seconds from 01-Jan-1978 that the clock chip thinks it is.
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#### NOTES

If the clock chip returns an invalid date, the clock chip is reset and 0 is returned.

#### SEE ALSO

#### BUGS

### 1.3 battclock.resource/ResetBattClock

#### NAME

ResetBattClock -- Reset the clock chip. (V36)

#### SYNOPSIS

ResetBattClock( )

void ResetBattClock( void );

#### FUNCTION

This routine does whatever is needed to put the clock chip into a working and usable state and also sets the date on the clock chip to 01-Jan-1978.

#### INPUTS

#### RESULTS

#### NOTES

#### SEE ALSO

#### BUGS

### 1.4 battclock.resource/WriteBattClock

#### NAME

WriteBattClock -- Set the time on the clock chip. (V36)

#### SYNOPSIS

WriteBattClock( AmigaTime )  
                  D0

void WriteBattClock( ULONG );

#### FUNCTION

This routine writes the time given in AmigaTime to the clock chip.

#### INPUTS

AmigaTime	The number of seconds from 01-Jan-1978 to the time that should be written to the clock chip.
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#### RESULTS

#### NOTES

#### SEE ALSO

#### BUGS

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