Hyperkit Analysis Solution

User Documentation

# Parameters

The software allows to adjust parameters, which apply to all files loaded and all visualizations calculated from the measurements.

|  |  |  |
| --- | --- | --- |
| **Name** | **Symbol** | **Value** |
| Steps |  | User-defined |

# Files

The software allows to load files from your file system containing voltage and current measurements associated with timestamps.

|  |  |  |
| --- | --- | --- |
| **Name** | **Symbol** | **Value** |
| Measurement length |  | Number of measurements in the file |
| Timestamp measurement | with | Timestamp of the th measurement |
| Voltage measurement | with | Voltage of the th measurement |
| Current measurement | with | Current of the th measurement |

# Properties

The software defines a range of numeric properties per file. You can distinguish between measured and displayed properties.

|  |  |  |
| --- | --- | --- |
| **Name** | **Symbol** | **Value** |
| Minimum timestamp measured |  |  |
| Maximum timestamp measured |  |  |
| Minimum voltage measured |  |  |
| Maximum voltage measured |  |  |
| Minimum current measured |  |  |
| Maximum current measured |  |  |
| Minimum timestamp displayed |  | User-defined in |
| Maximum timestamp displayed |  | User-defined in |
| Minimum voltage displayed |  | User-defined in |
| Maximum voltage displayed |  | User-defined in |
| Minimum current displayed |  | User-defined in |
| Maximum current displayed |  | User-defined in |

# Voltage timeseries

The software displays a voltage timeseries per file, which can be adjusted according to the parameters and the display properties.

# Current timeseries

# Voltage probability density function

# Current probability density function