Circuits Package

Roadmap

Patrick Schulz

February 9, 2017

Contents

1 Overview

```
\begin{circuit}
    [
        template = divider
    ]

\end{circuit}
```

2 Symbols

2.1 The \component command

The \component command is used to place components (single instances or compounds of devices) for further use especially in circuit templates (see section 3).
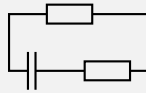
```
\component{R}
```

Multiple devices can be used:
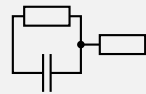
```
\component{R\\C}
```

```
\component[draw wires]{R\\C,R}
```

\\ binds weaker than ,, so in the following examples the devices have to be grouped:

```
\component[draw wires]{{R\\C},R}
```

3 Circuit Templates

3.1 Transistor Circuits

3.2 Operational Amplifier Circuits

3.3 Passive Circuits

4 Module System