

## Overview: useful PUFF – Device – Files

### Information:

Use a text editor and copy your desired device file into an empty text file. Then save this new file using the correct name and the extension “ \*.dev ” in your PUFF folder.

### Example: “cs.dev” for a current source

```
{s-parameter device file for a current source}
{File Name: cs.dev}
s11 s21 s22
1 0 2 180 1 0
```

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```
{s-parameter device file for a differential amplifier}
{File Name: da.dev}
s11 s22 s31 s32 s33
1 0 1 0 2 0 2 180 1 180
```

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```
{s-parameter device file for a emitter follower stage}
{File Name: emfollower.dev}
s11 s21 s22
1 0 2 0 1 180
```

---

```
{s-parameter device file for an operational amplifier with differential inputs}
{File Name: op.dev}
s11 s22 s31 s32 s33
1 0 1 0 2E4 0 2E4 180 1 180
```

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```
{s-parameter device file for a voltmeter with an internal source resistance = 50 Ohms}
{File Name: vm.dev}
s11 s21 s22
1 0 2 0 0 0
```

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```
{s-parameter device file for a special voltmeter with an internal source resistance = zero}
{File Name: vm2.dev}
s11 s21 s22
1 0 2 0 1 180
```

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```
{s-parameter device file for a voltage source}
{File Name: vs.dev}
s11 s21 s22
1 0 1 0 1 180
```

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