

Opening the T41 BPF and LPF filter files using Elsie

The files as downloaded contain Unix/Linux line endings (LF only). If you attempt to open these files as is using Elsie, you will get the following error:

“Error string:48
ErrorDescription: Input string past end of file”

This is because Elsie wants to see Windows line endings (CRLF). An easy way to fix the problem is to use Notepad++, a free text editor with many useful features. It can be downloaded at: <https://notepad-plus-plus.org/downloads/v8.6.8/>.

Once you have installed Notepad++, open the .LCT file (e.g., T41_BPF_12-10M_Design_V12.6_01-24-24.LCT).

Then you can see the problem by selecting View -> Show Symbol -> Show End of Line:

```
1 Elsie circuit file 712073300
2 Untitled
3 1/24/2024 4:43:54 PM
4 * Added information:
5
6 * Family, order, stages, topology, Cauer:
7 11 5 5 E 0
8 * Width, center, Fstop normalized:
9 600000 600000 0
10 * Apass, Astop:
11 .044 0
12 * Rsource, Rload, Rratio, Rstandard:
13 50 50 1 600
14 * Qind, Qcap:
15 200 2000
16 * Gj, Hj:
17 .9746691 0
18 1.372433 0
19 1.80463 0
20 1.372433 0
21 .974669 0
22 * Element type, L, Ltolerance, C, Ctolerance:
23 8 1.2E-07 0 3E-10 0
24 5 8.2E-07 0 4.3E-11 0
25 8 8.2E-08 0 5.1E-10 0
26 5 8.2E-07 0 4.3E-11 0
27 8 1.2E-07 0 3E-10 0
28 * Lin or log, Fstart, Fstop, Fstep or NrIntervals:
29 2 8000000 5E+07 1000
30 * Graph scales:
31 -60 0 0 1.2E-07 2.2 1200 8 6
32 * Limits Y/N:
33 N
34 * Markers Y/N:
35 N
36 * M-derived zeros Y/N:
37 N
38
```

Now select Edit -> EOL Conversion -> Windows (CR LF), and the file should look like this:

```
T41_BPF_12-10M_Design_V12.6_01-24-24.LCT
1 Elsie circuit file 712073300
2 Untitled
3 1/24/2024 4:43:54 PM
4 * Added information:
5
6 * Family, order, stages, topology, Cauer:
7 11 5 5 E 0
8 * Width, center, Fstop normalized:
9 600000 600000 0
10 * Apass, Astop:
11 .044 0
12 * Rsource, Rload, Rratio, Rstandard:
13 50 50 1 600
14 * Qind, Qcap:
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16 * Gj, Hj:
17 .9746691 0
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22 * Element type, L, Ltolerance, C, Ctolerance
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29 2 8000000 5E+07 1000
30 * Graph scales:
31 -60 0 0 1.2E-07 2.2 1200 8 6
32 * Limits Y/N:
33 N
34 * Markers Y/N:
35 N
36 * M-derived zeros Y/N:
37 N
38
```

Save this file and it should open without error in Elsie.