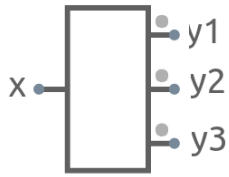


## lut\_file\_1\_to\_3.xce



### Attributes

```
main_vars: x y1 y2 y3
sparms: file_name=None
```

### Description

lut\_file\_1\_to\_3.xce is a 1-to-3 look-up-table. It reads a file in the following format and makes three numbers available as  $y_1$ ,  $y_2$ ,  $y_3$ , depending on the input  $x$ . Consider the following example.

```
4 3  n1,n2
0.1  (1,1)
0.2  (1,2)
0.3  (1,3)
1.1  (2,1)
1.2  (2,2)
1.3  (2,3)
2.1  (3,1)
2.2  (3,2)
2.3  (3,3)
3.1  (4,1)
3.2  (4,1)
3.3  (4,1)
```

Here,  $x$  is expected to be 1, 2, 3, or 4. If  $x$  is specified as 2, the output would be  $y_1 = 1.1$ ,  $y_2 = 1.2$ ,  $y_3 = 1.3$ .

The string parameter `file_name` gives the name of the file to be read. If the absolute path is not specified, the file is expected to be present in the SEQUEL Output directory.

AC behaviour is not implemented.