

## dq\_to\_abc\_1.xce

### Attributes

main\_vars: a b c q d

### Description

dq\_to\_abc\_1.xce employs the following equations to relate the variables d, q to a, b, c:

$$\begin{aligned}a &= q, \\b &= -\frac{1}{2}q - \frac{\sqrt{3}}{2}d, \\c &= -\frac{1}{2}q + \frac{\sqrt{3}}{2}d.\end{aligned}$$

AC behaviour is not implemented.