

signal_switch.xbe

Attributes

```
xbe name=signal_switch evaluate=yes
# if s is high, y = x1; else x2
Jacobian: variable
input_vars: s x1 x2
output_vars: y
aux_vars:
iparms:
sparms:
rparms:
+ s_high=1
+ s_cross=0
stparms:
igparms:
outparms: s x1 x2 y
```

Description

signal_switch is a switch controlled by the input s. If s is high, $y = x_1$; else $y = x_2$. The parameter s_high represents the high level for s. s, x1, x2, y are made available as output variables.