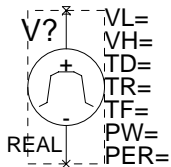


# MYLIB.slb : RealPulse



## Symbol Data:

Description = "Real" Pulse Voltage Source

Type = s

Bbox = (0 0) (20 40)

Origin = (10 0)

## Attributes

REFDES = V?

VL =

VH =

TD =

TR =

TF =

PW =

PER =

TEMPLATE = \*\*\* RealPulse \*\*\* \n

R1@REFDES \$N1@REFDES 0 1K \n

R2@REFDES \$N2@REFDES 0 1K \n

E1@REFDES \$N2@REFDES 0 VALUE {1.570796\*SIN(V(\$N1@REFDES,0))} \n

V1@REFDES \$N1@REFDES 0 PULSE -1.570796 1.570796 {LIMIT((@TD-1.25\*@TR),0,1E6)} {2.5\*@TR} {2.5\*@TF} {@PW-2.5\*@TR} @PER \n

E2@REFDES %+ %- VALUE {( (@VH-@VL)/2\*SIN(V(\$N2@REFDES,0))+( @VH+@VL)/2} \n

\*\*\*\*\*

SIMULATIONONLY =

User1 = REAL

PART = RealPulse

