

## Re: Need help with a circuit

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Well, the possibilities of  $x$  would be a sine wave (for this test but could be anything in reality).

If  $x \leq 0$  then  $y = 0$  else if  $x < 1$  then  $y = \sqrt{1 - x^2}$  is as far as I was able to simplify it.

So, comparator A compares against 0 and comparator B compares  $< 1$  but we do not want the compare at B if A is true.

This is as far as I got before my eyes started to glaze over, heheheh.