



If you don't have a programmable light you could test it with a motor, LED, or buzzer just as easily.

```

program start
do forever
  if B is HI then
    set sparkle 0 to D
  else
    set sparkle 0 to B
  end if
  light turns red when your hand in about 3cm away
loop
  
```

To test the close proximity sensor attached to B, attach a programmable light to D and build this program. If the light turns red when your hand in about 3cm away then it is working.

```

B is HI
B is LO
  
```

If the close proximity sensor it attached to B then HI means it is detecting something. LO means it is not detecting anything.

### Useful Code Blocks

### More Information

```

wait until B is HI
  
```

Wait until the close proximity sensor (CPS) attached to B detects something

```

if B is HI then
  // do something
end if
  
```

If the CPS attached to B detects something (HI) then do something

```

if B is HI then
  // do something
else
  // do something else
end if
  
```

If the CPS attached to B detects something (HI) then do something

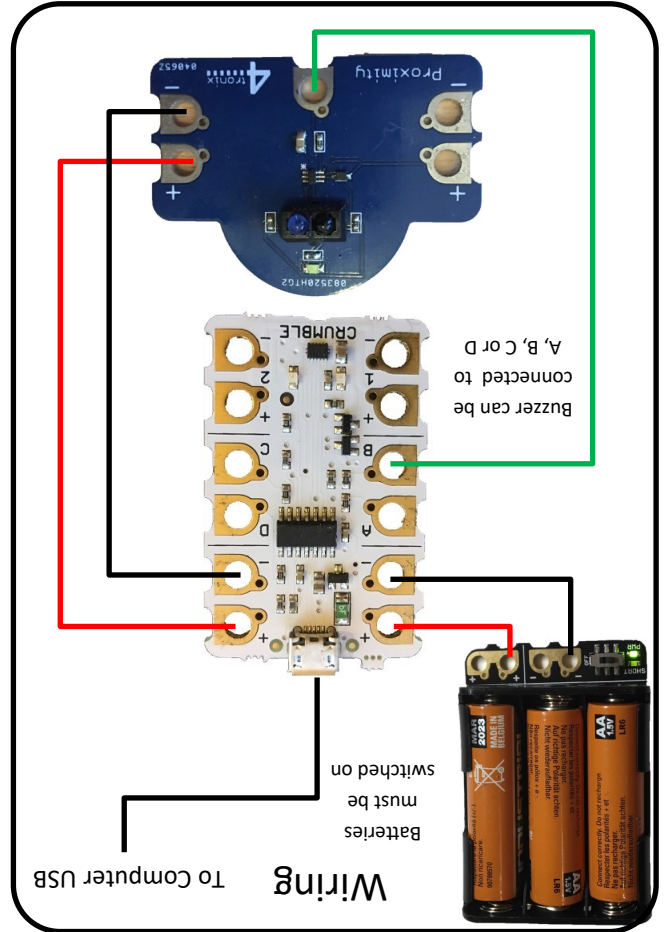
If nothing detected (LO) do something else

```

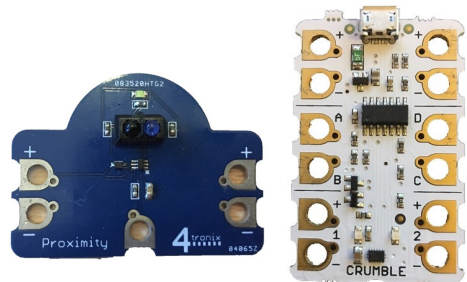
do until B is HI
  // do something
loop
  
```

Do something continually until CPS attached to B detects something

*If you wish any of these programs to check over and over don't forget to wrap them in a forever loop*



# Crumble Close Proximity Sensor



MC35rb