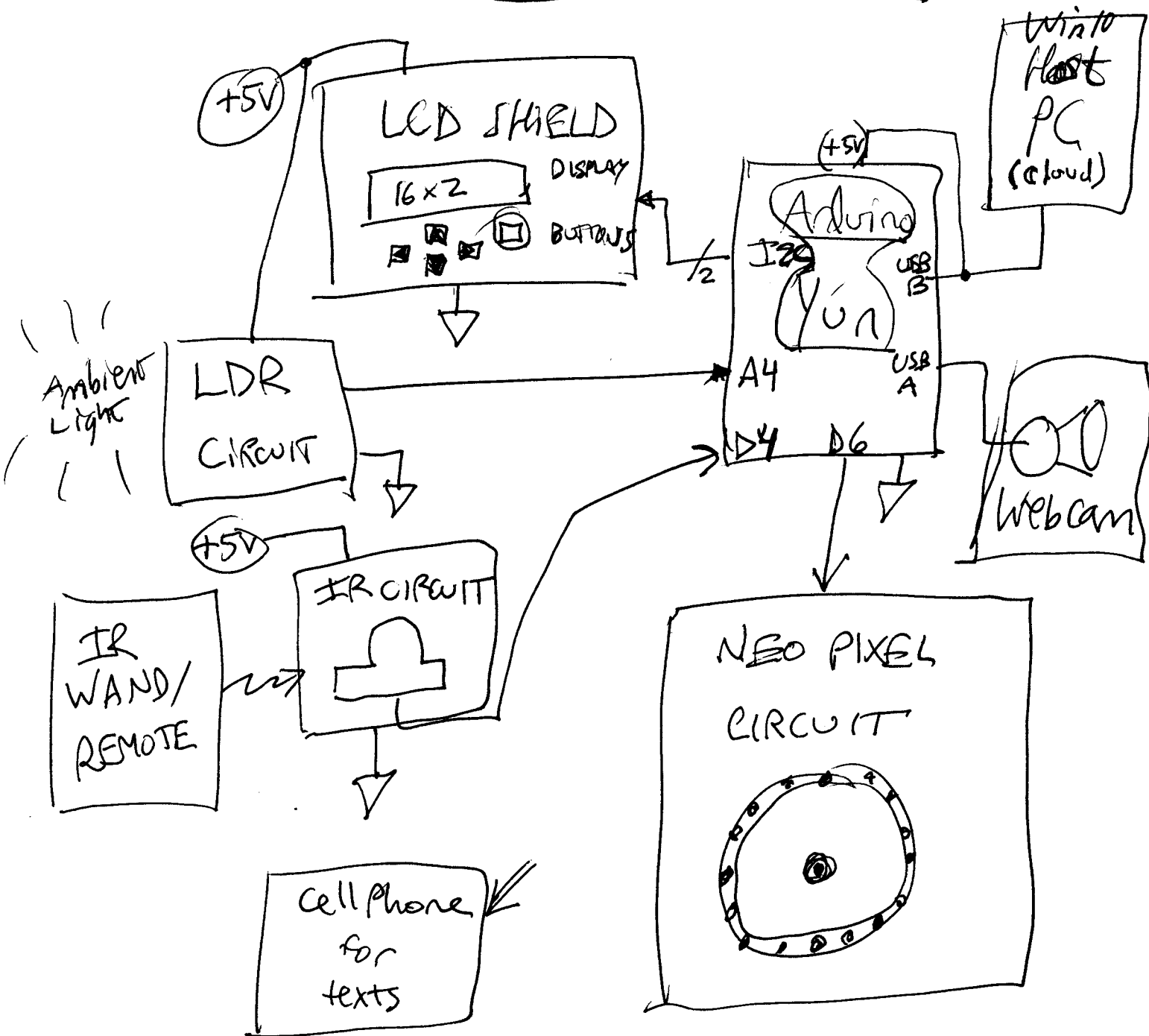


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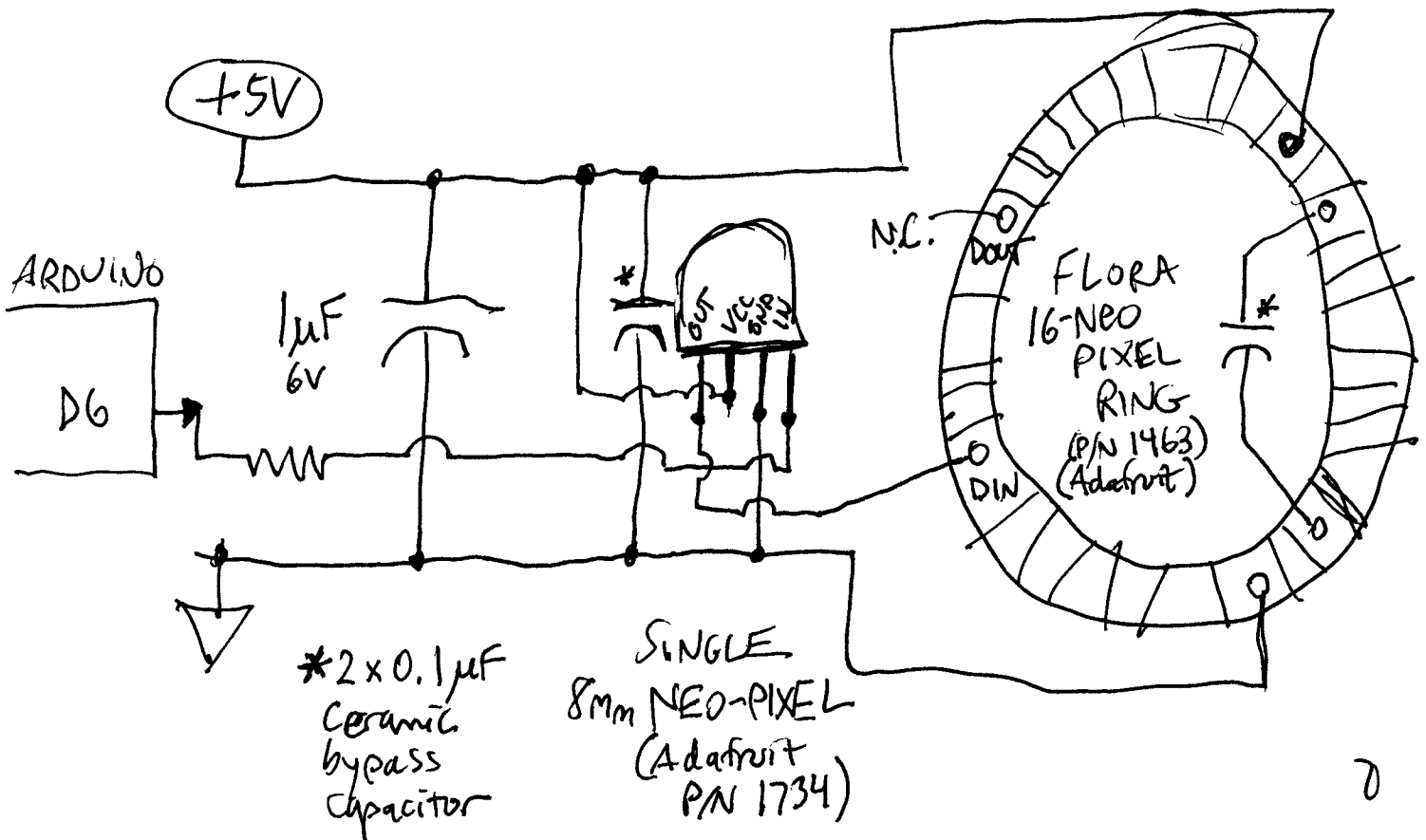
BLOCK DIAGRAM

MIKE
MEHR
12/30/16

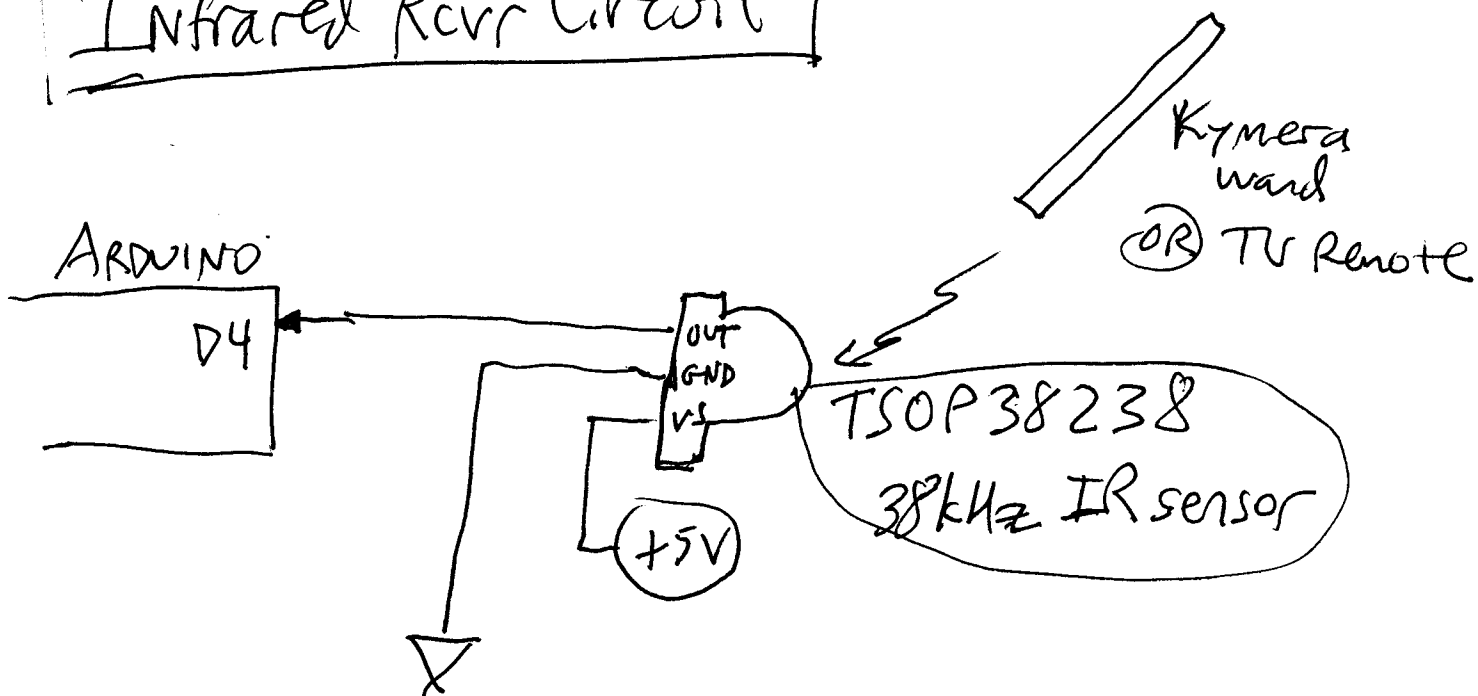


Neopixel Circuit

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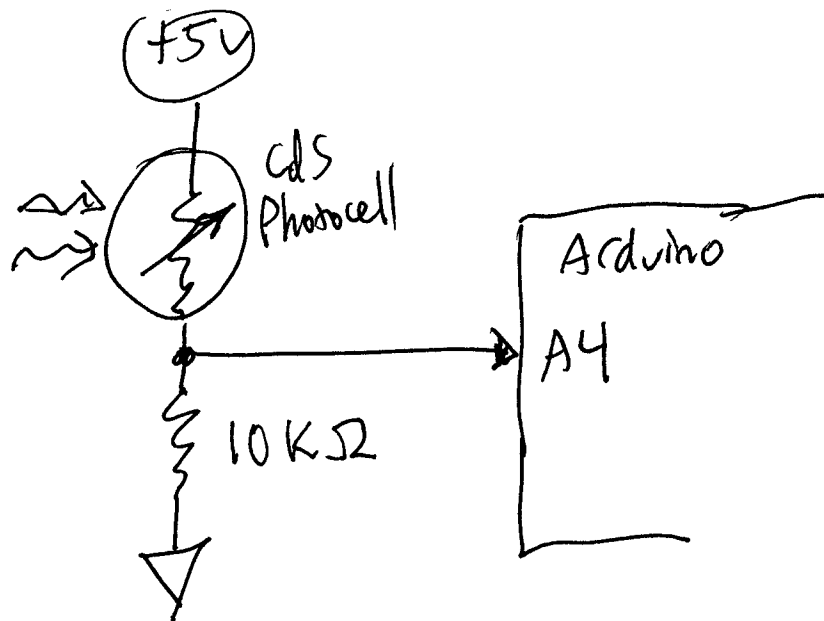


Infrared Recv Circuit



LDR CIRCUIT

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TWO EVENT FLOWS

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I. WAND TRIGGER

1. Read ambient light Amb
2. Display Data on LCD
3. NeoPixel Animation
4. If (Amb not dim)
 Send text message (amb. data)
5. Report data to cloud
6. All pixels off

TWO EVENT FLOWS

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II. SELECT BUTTON PRESS

1. If (Amb not dim)
2. Take picture (webcam)
3. Upload picture to
Dropbox Acct in Cloud