



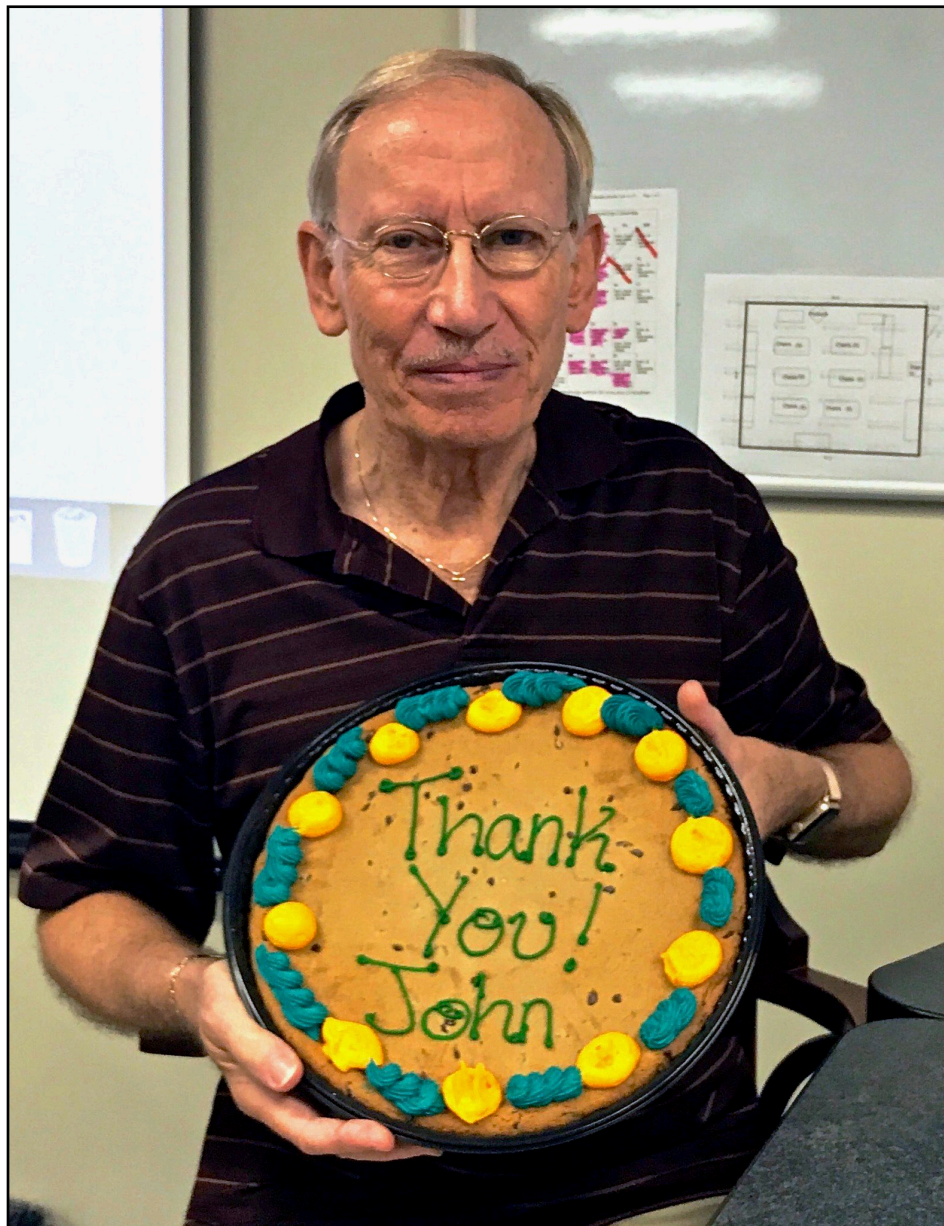
# iDevices SIG



iPhone - iPad - Apple Watch - Apple TV -  
iPod - AirPods - HomePod  
Apps and iTunes

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**John Bosch began the iDevices SIG in January 2010. Since then he has conducted over 80 SIG meetings. Many many thanks to his dedication, knowledge and good humor.**



Speaking of John's good humor:



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**This is the format that I expect to follow, however I will modify it based on your reactions and comments.**

- 3-5 minutes           — Introduction and welcome
- 10 minutes           — Apple news roundup
- 15-20 minutes       — Tech talk or 'How to' discussion
- 15 minutes           — Tips of the month
  - Photos
  - © 3D Touch
  - Random tip
- 10 minutes           — App of the month (maybe free, maybe not)
- 15 minutes           — General Q & A —What's on your mind?

**Let's see how that goes...**

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**So, to get back on track and follow the format, here goes:**

**Welcome everyone to the iDevices Sig. My name is Phillip Pensabene and I am glad to see you today.**

**We will continue to meet on the second Wednesday of each month at 3 pm here in the Computer Club Annex.**

**I plan to use the Community Association web email to send you out reminders with the Tech Talk topic a few days before each meeting beginning next month. I will use the sign-in roster to develop the SIG email list.**

**I will continue to post the SIG meeting notes on the Computer Club's web page. You do not need to be logged into the Sun City website to access the notes.**

**[www.sctexas.org](http://www.sctexas.org) >> Clubs & Groups >> Chartered Clubs >> iDevices SIG >> SIG Meeting Notes**

**[Click here to view the iDevices SIG webpage](#). Select SIG Meeting Notes and 'Download' or 'View' the month you are looking for.**

**News items for this month:**




- 1) New 10.5-inch iPad Pro released
- 2) Qualcomm vs Apple
- 3) Cool new features in iOS 11
- 4) The New iPhone Lineup - rumors



**1) New iPad Pro:** [Click this link for more details](#)

- Reduced the borders (bezel) 40% putting more screen in the same overall iPad dimensions
- Using the A10X Fusion chip - very powerful
- New display technology - ProMotion - smoother scrolling
- Anti-reflective coating
- True Tone color dynamically adjusts to surrounding light
- Wide color gamut for better color matching
- Apple Pencil compatible - \$99
- Smart Keyboard \$159
- Starts at \$649 with 64gb storage
- Apple Care 2 year tech support and accidental damage - \$99



[View gallery](#)

## Buy iPad Pro

Buy online and get fast, free shipping.

10.5-inch iPad Pro

[Change](#)

Space Gray

[Change](#)

64GB<sup>1</sup>

[Change](#)

Wi-Fi

[Change](#)

### \$649.00

[Up to 18 months of special financing >](#)

[+ Add AppleCare+](#)

Get up to two years of tech support and accidental damage coverage.

\$99.00



# Qualcomm Asks for Apple iPhone Ban

Marissa Miller



Imagine this: The [blueprints](#) have been finalized, manufacturing is under way, and prospective consumers are losing their minds with excitement. Mere months away from iPhone 8's official release, chipmaker Qualcomm is attempting to halt its distribution to the U.S. because of something that may seem really quite petty.

Qualcomm, the brains behind several patented technologies we've come to appreciate in our devices, alleges that Apple has failed to pay for [six patents](#) including [power GPS navigation, mobile video, secure and seamless app store purchases, Wi-Fi connectivity, media streaming, high-speed data transmission](#), and more in the last four years, according to [The Verge](#). The latest? Technology that powers extended battery life. While these features certainly enhance user experience, they are not essential to the device's functioning or industry standard, so Qualcomm is not obliged to license them. Plus, intellectual property laws apply here, too.

What's more is that Qualcomm wants to ensure Apple prevents the sale of iPhones that have already made its

way into the U.S., according to [Reuters](#). The allegations come on the heels of a longstanding dispute between the two companies, in which they've gone to war at the U.S. International Trade Commission and the U.S. District Court for the Southern District of California. According to *The Verge*, Apple claims the chipmaker is charging "disproportionately high" for its patents, enabling it to hold a monopoly over its chips. But we all know [iPhones cost a pretty penny](#) — hopefully the company allocates its sales revenues to the powers that be (AKA paying for those patents) so we can live to see the [iPhone 8](#).

## Improving performance while prolonging battery life

The six Qualcomm patents asserted in Qualcomm's ITC complaint against Apple, while not required for any industry standard, cover technologies that play integral roles enabling both high-speed performance and extended battery life. Apple's iPhones employ these technologies – along with tens of thousands of additional patented technologies from Qualcomm – for media streaming, social media interaction, basic communications and much more to provide unparalleled performance.

### US Patent No. 8,698,558

Extends battery life by building intelligence into the system so the antenna is always using just the right amount of battery power to transmit, whether it be video, text, or voice.  
(Issued 2014)

### US Patent No. 8,633,936

Enables high performance and rich visual graphics for games while increasing a mobile device's battery life.  
(Issued 2014)

### US Patent No. 9,608,675

Enables a mobile device to send high speed data such as live video from your phone by combining many lanes of traffic into a data super-highway while prolonging battery life.  
(Issued 2013)

### US Patent No. 8,838,949

Enables "flashless boot" which allows your smartphone to connect to the internet quickly after being powered on, while extending battery life and reducing memory size.  
(Issued 2014)

### US Patent No. 9,535,490

Enables the applications on your smartphone to get their data to and from the internet quickly and efficiently by acting as a smart "traffic cop" between the apps processor and the modem.  
(Issued 2017)

### US Patent No. 8,487,658

Maximizes smartphone performance while extending battery life by connecting high voltage circuits and low voltage circuits with efficient interfaces.  
(Issued 2013)

## Three more facts about these patents...



Important technologies not required for any industry standard



All 6 patents issued in last four years

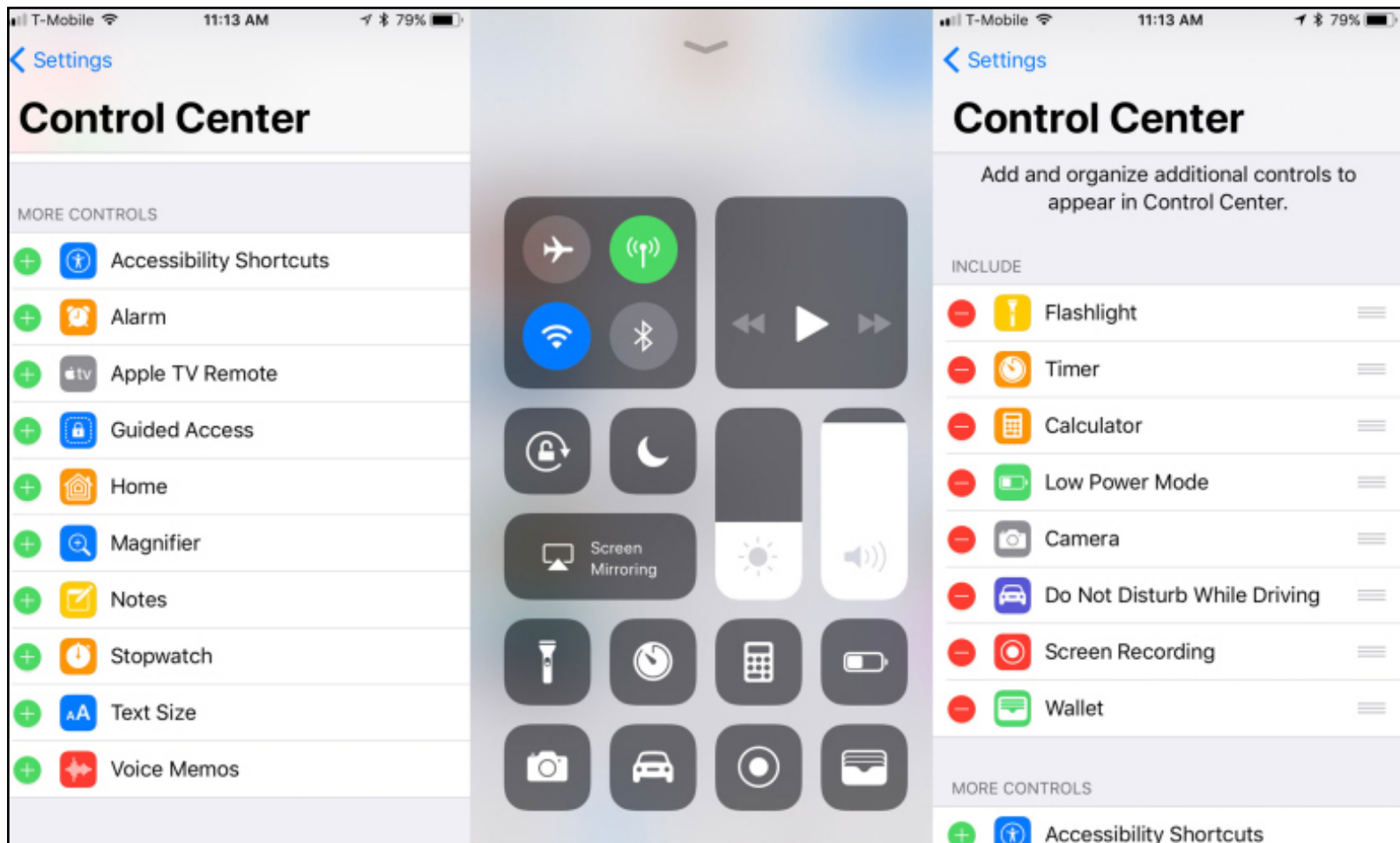


Apple uses these technologies in its devices but is not paying for them

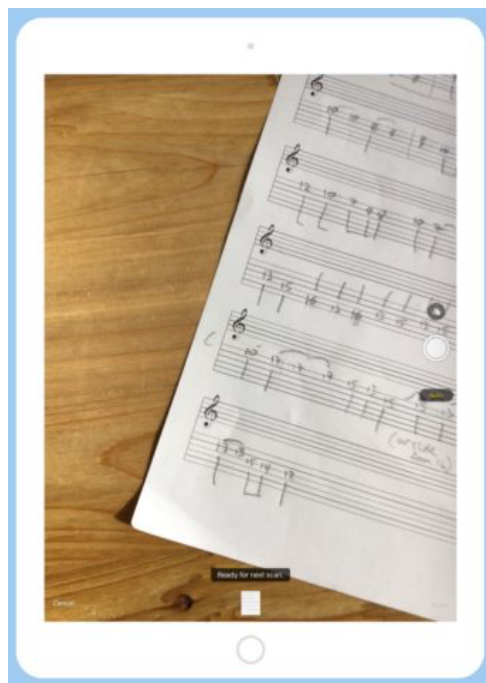


### 3) Cool new features in iOS-11

- Control Center back to one screen and customizable

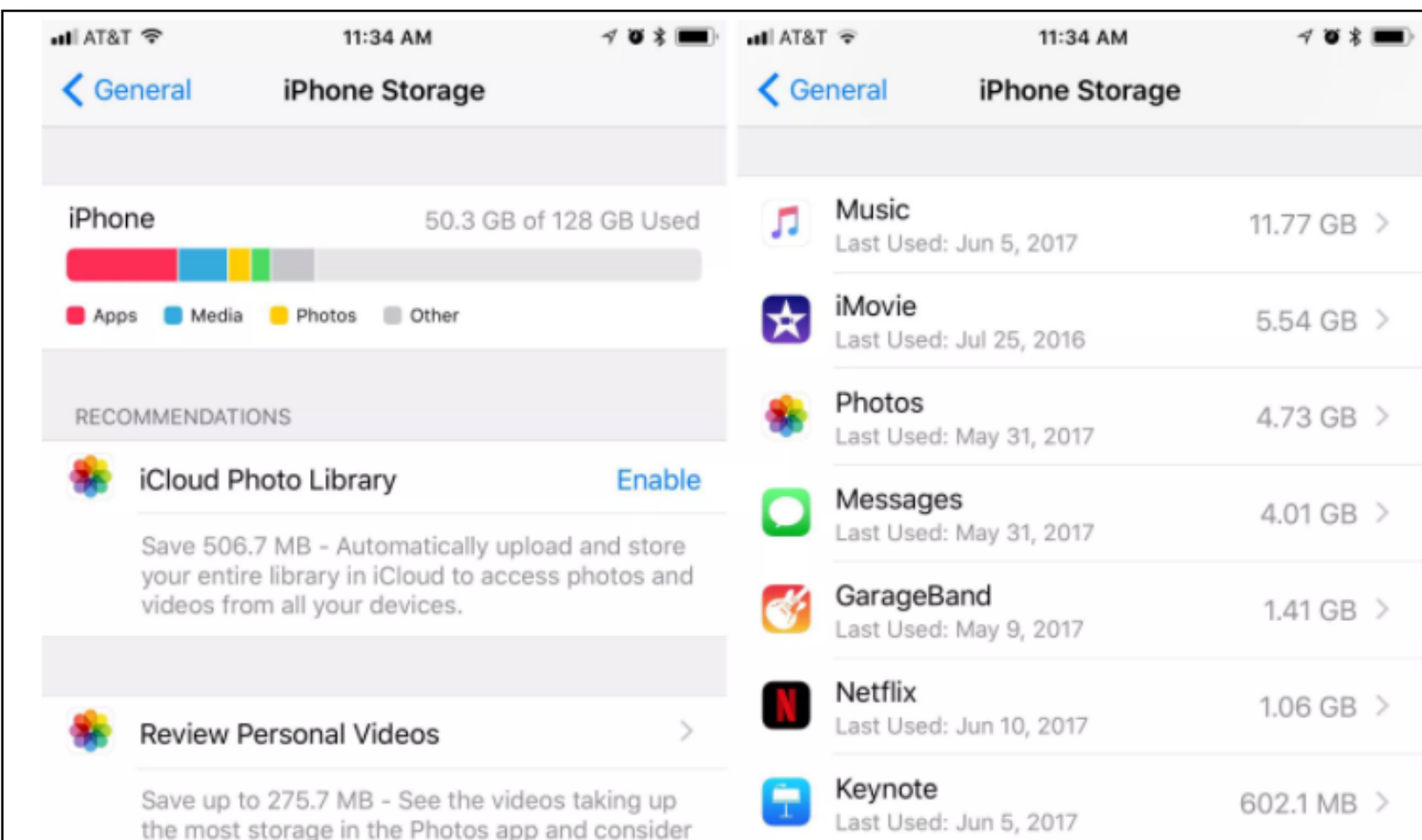


- Notes app has a built in document scanner function and a way to add tables to your notes.





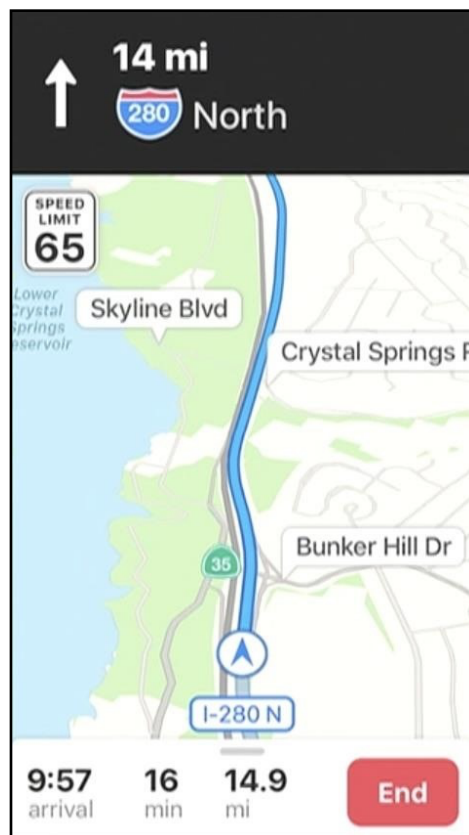
- New ways to display storage and easy ways to delete items.



- Do Not Disturb While Driving
- Senses you are moving faster than walking and asks to enable
- Automatically sends 'I'm Driving' responses to text messages



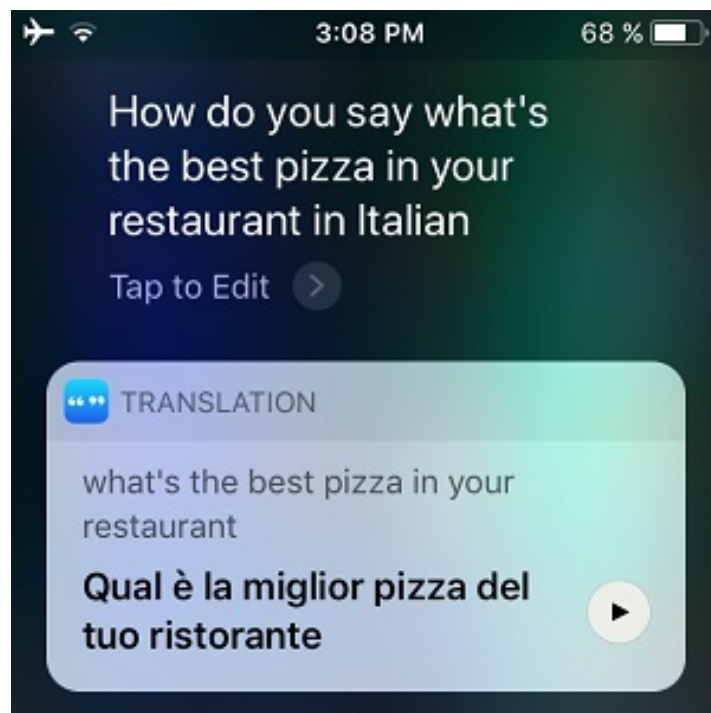
- Maps - Lane Guidance, Speed Limits, Malls and Airport maps



- iPad gets a dock - similar to the Mac - a new App switcher



- Translation Feature in Siri (hope she understands me better too)

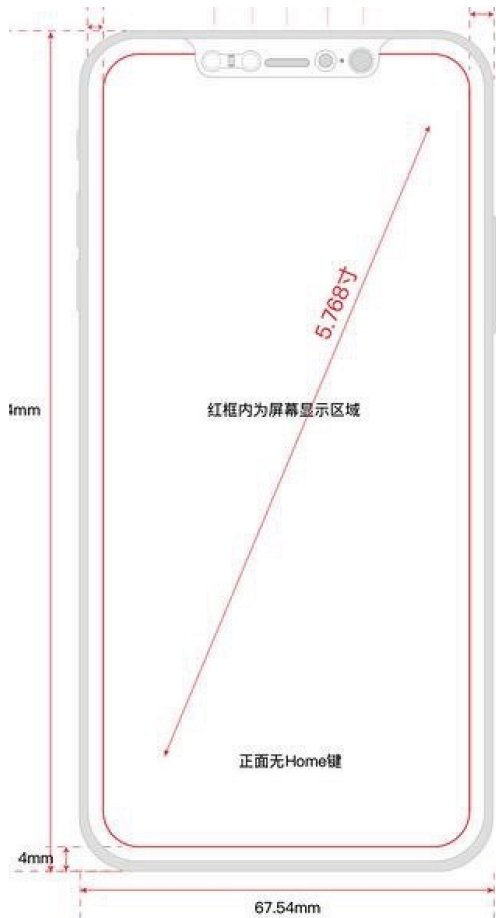


- And a bunch more...



#### 4) iPhone 8 - Rumors, Rumors, Rumors

- Or is the name iPhone Pro?
- Radical redesign - Edge to edge display
- 5.8" OLED display



- All glass body
- Facial recognition - maybe replacing touch ID
  - 3D sensing front facing camera
- AR - ready (Augmented Reality)
  - AR example <https://www.youtube.com/watch?v=Hjq-ATVqUx8>
- No home button
- Wireless charging
- Dual rear camera mounted vertically
- Three models -
  - iPhone 8 = OLED,
  - iPhone 7s and 7s Plus = standard displays
- Faster chips, bigger battery, more RAM, waterproof and more!!!



## Two Factor Authentication (TFA)

**TFA provides an extra layer of security for your Apple ID. It is designed to ensure that you're the only person who can access your account. Even if someone knows your password!**

**This link tells all about it: <https://support.apple.com/en-us/HT204915>**



**With TFA, your account can only be accessed on devices you trust**

- iPhone
- iPad
- Mac

**When you want to sign into a new device, you must provide two pieces of information**

- Apple ID password
- The six digit verification code
  - Automatically displayed on your trusted device

**Once signed in, you won't be asked for a verification code again**

- unless you sign out completely,
- erase the device
- or change your password

### **Trusted Devices**

- iPhone, iPad, iPod touch (iOS9) or Mac (El Capitan)
- Already signed with TFA

### **Trusted Phone Numbers**

- a number that can be used to receive verification codes by text or phone call.

### **Verification Codes**

- Temporary codes sent to your trusted device
- One time use, you don't have to keep them



## Set up TFA for your Apple ID on devices with iOS 10.3 or later

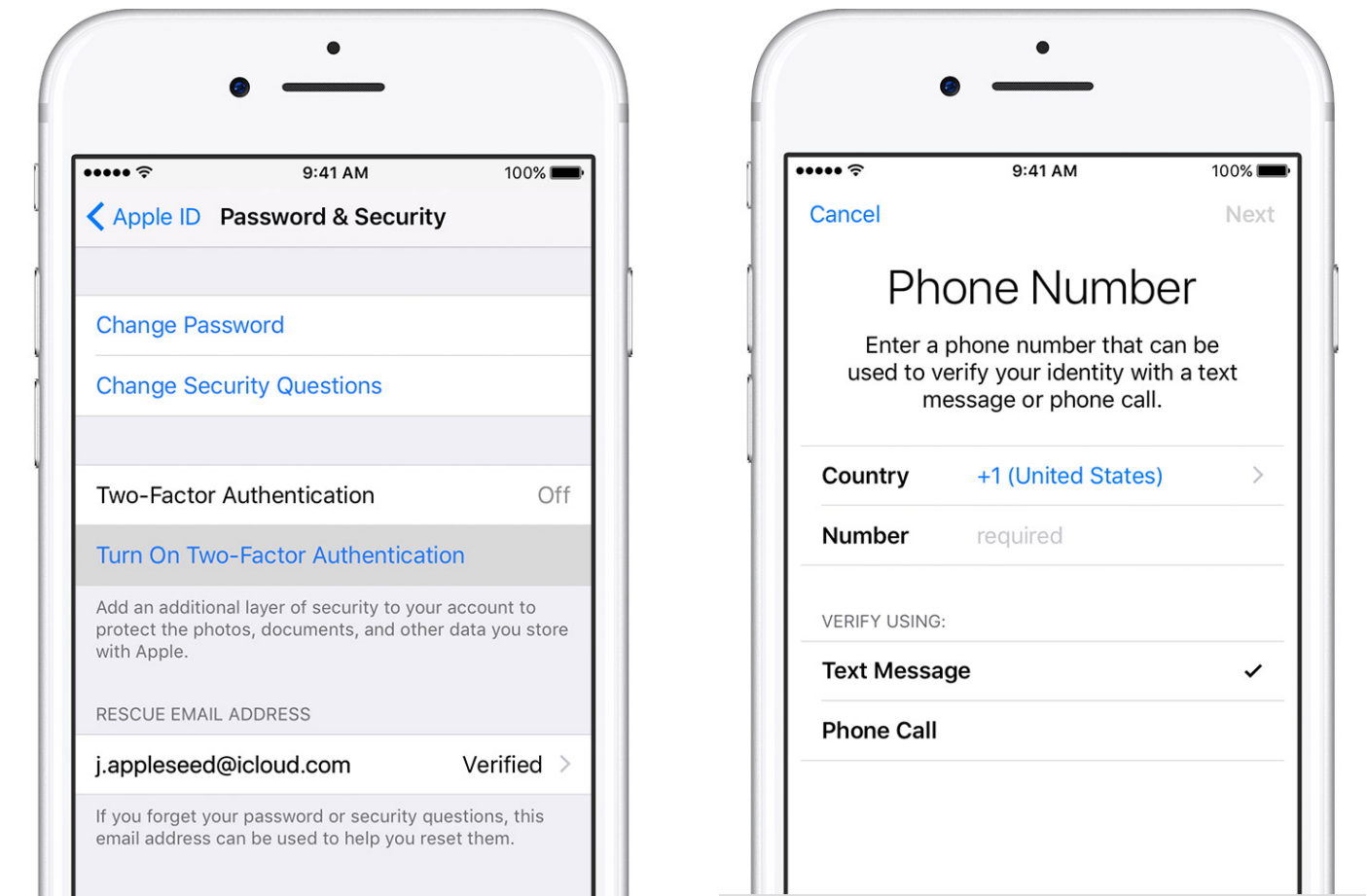
1. **Settings >> Your Profile >> Password & Security**
2. **Tap Turn on Two-Factor Authentication**
3. **Tap continue**

## Set up TFA for your Apple ID on devices with iOS 10.2 or earlier

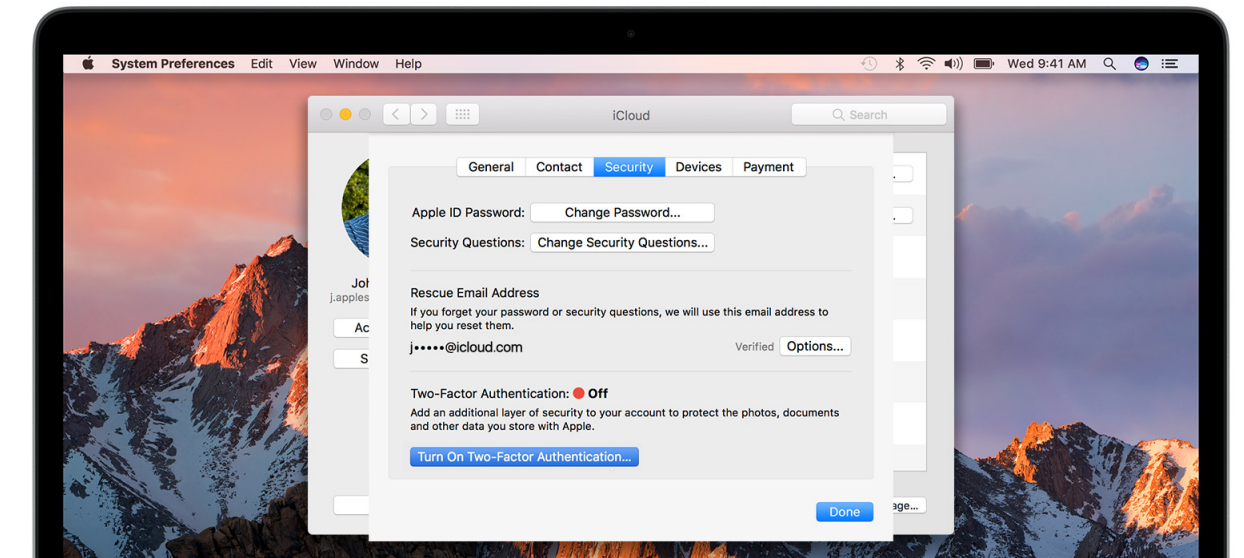
1. **Settings >> iCloud**
2. **Tap your Apple ID >> Password & Security**
3. **Tap Turn on Two-Factor Authentication**
4. **Tap continue**

## You may have to answer your security questions

5. **Enter and verify your trusted phone number**
6. **When you tap next, Apple sends a verification code to that number**
7. **Enter the verification code to verify your phone and turn on TFA**



**Follow these steps on your Mac with OS X El Capitan or later:**



1. Go to Apple (🍏) menu >> system preferences >> iCloud >> Account details
2. Click Security
3. Click 'Turn on Two Factor Authentication'.

### What to remember when you use TFA

1. Remember your Apple ID password
2. Use a device passcode on all your devices
3. Keep your trusted phone number(s) up to date
4. Keep your trusted devices physically secure
5. Location in sign in notification may be near by (Pflugerville)

### Turn off TFA

1. <https://appleid.apple.com>
2. Log in with Apple ID and password
3. Click 'Edit' in the Security section
4. Click 'Turn off two factor authentication'
5. Create new security questions and verify date of birth

# TIPS!

## Photos -

While you are editing a picture, you can tap the screen to briefly view the original unedited photo . Keep pressing the screen to keep the original on the screen.

## ©3D Touch - (must be an iPhone 6s or 7)

©3D Touch the setting icon for a quick action menu:

1. Battery
2. Cellular Data
3. Wi-Fi
4. Bluetooth





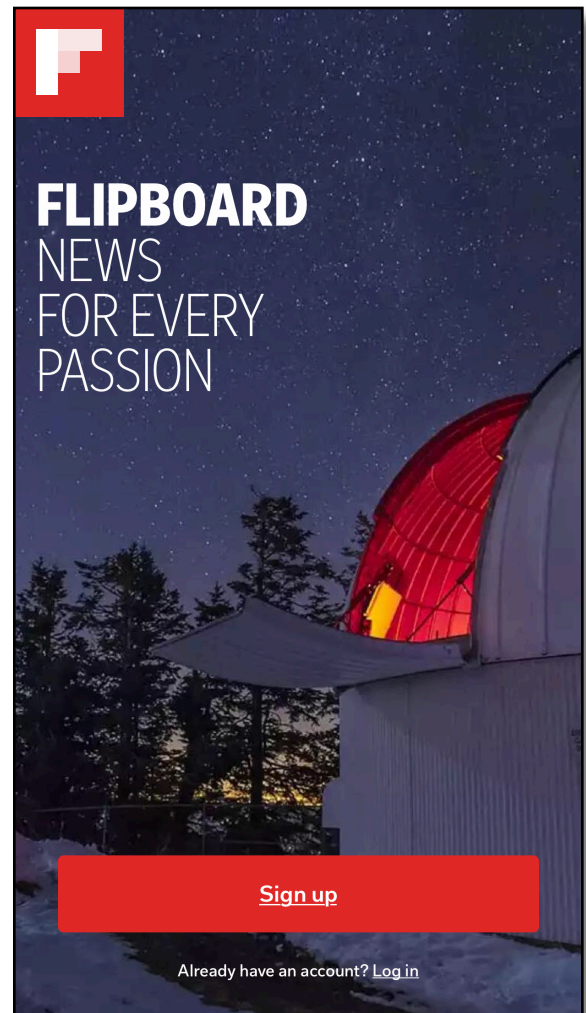
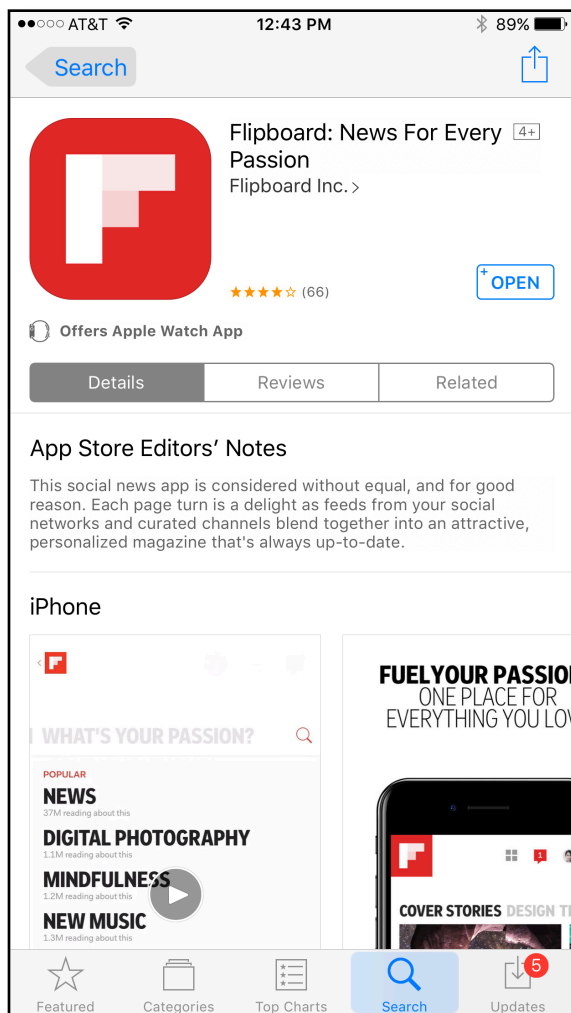
# App of the Month

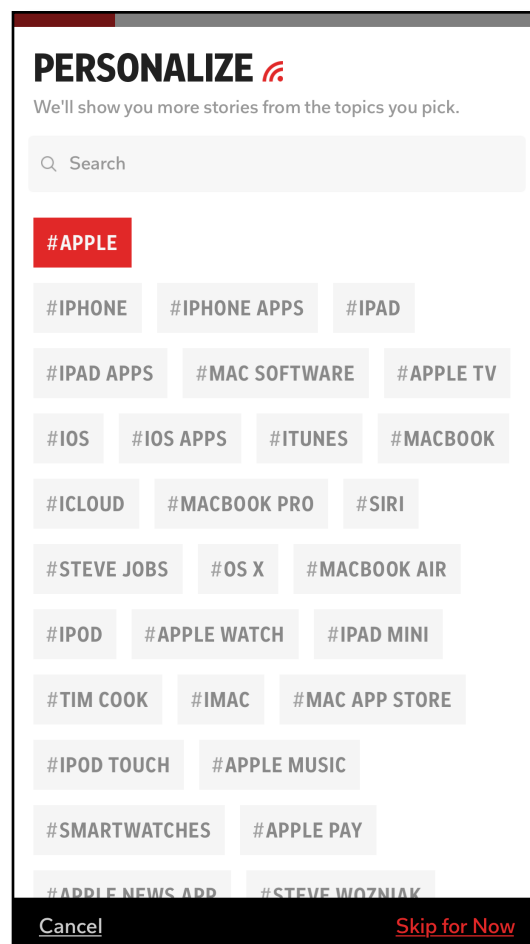
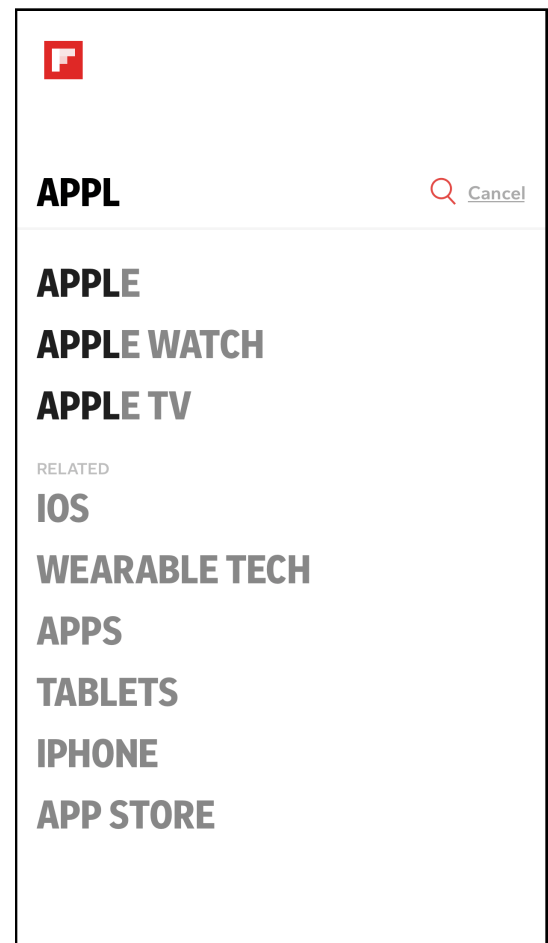
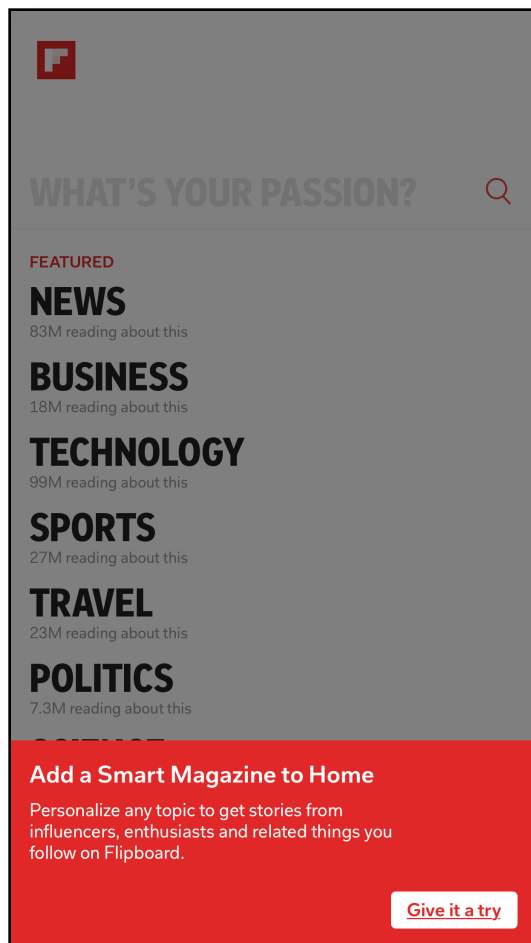
Apple awarded it 'iPad App of the Year 2010'

I use it everyday.



1. Download from App Store and create account
2. Select topics which interest you to create a news feed
  1. I follow Apple, Technology, Humor, Current news, etc
3. Flip through your feed. Tap articles to read further.
4. Shared articles with friends, post to Facebook, copy to reminders





# Reference Materials for iDevices

<b>iPhone</b>	<a href="https://support.apple.com/iphone">https://support.apple.com/iphone</a>
<b>iPad</b>	<a href="https://support.apple.com/ipad">https://support.apple.com/ipad</a>
<b>🍏 Watch</b>	<a href="https://support.apple.com/watch">https://support.apple.com/watch</a>
<b>Apple ID</b>	<a href="https://support.apple.com/apple-id">https://support.apple.com/apple-id</a>
<b>iTunes</b>	<a href="https://support.apple.com/itunes">https://support.apple.com/itunes</a>
<b>Apple TV</b>	<a href="https://support.apple.com/apple-tv">https://support.apple.com/apple-tv</a>
<b>Apple Music</b>	<a href="https://support.apple.com/music">https://support.apple.com/music</a>
<b>iPod</b>	<a href="https://support.apple.com/ipod">https://support.apple.com/ipod</a>
<b>AirPods</b>	<a href="https://support.apple.com/airpods">https://support.apple.com/airpods</a>
<b>Apple Pay</b>	<a href="https://support.apple.com/apple-pay">https://support.apple.com/apple-pay</a>
<b>iCloud</b>	<a href="https://support.apple.com/icloud">https://support.apple.com/icloud</a>
<b>Apps</b>	<a href="https://support.apple.com/apps">https://support.apple.com/apps</a>
<b>Pro Apps</b>	<a href="https://support.apple.com/pro-apps">https://support.apple.com/pro-apps</a>





