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**From:** Richard Kahn [REDACTED]  
**Sent:** Thursday, January 19, 2017 12:58 PM  
**To:** jeffrey E.  
**Subject:** Fwd: AAPL US: Apple Inc.: Price Objective Change - iPhone 8 likely to be a super-long cycle instead of boom-bust; Raising PO to \$140 - BUY - United States

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[REDACTED]

Begin forwarded message:

From: =/b>"Ens, Amanda" <amanda.ens@baml.com>

Subject: =/b>AAPL US: Apple =nc.: Price Objective Change - iPhone 8 likely to be a super-long cycle =nstead of boom-bust; Raising PO to \$140 - BUY - United States

Date: =/b>January 19, 2017 at 7:55:27 AM =ST

To: =/b>"Rich Kahn" <richardkahn12@gmail.com>

Reply-To: =/b>"Ens, Amanda" <amanda.ens@baml.com>

Raising Price Objective to =140 from \$125

Global Research

Apple Inc.

iPhone 8 likely to be a super-long cycle instead of boom-bust; Raising PO to \$140

Reiterate Rating: BUY

PO: 140.00 USD | Price: 119.99 USD

Equity | 19 January =017

#### Key takeaways

- =/span>OLED on one iPhone model can lead =o a longer iPhone 8 cycle with F18, F19 units growing high single =igits, ASPs higher
- =/span>Our installed base analysis =uggests replacement demand remains strong heading into the iPhone 8 =ycle
- =/span>Although we cut our near term =stimates, we view shares of Apple as attractive and Reiterate Buy. Our =O moves to \$140

FULL REPORT

Strong cycle constrained by OLED will become a long cycle

We raise our revenue and ASP assumptions on the iPhone 8 but take a more normalized multi-year view on the iPhone 8 cycle (unlike the iPhone 6 cycle of 37% growth followed by 8% unit decline). Given our expectation that Apple will introduce three models (7S, 7S+, 8) this fall (see our Asia iPhone Supply Chain note), we expect demand for 8 (OLED) will outstrip supply for a longer term based on OLED panel supply as well as strong upgrade demand from the installed base. Although we cut our near term estimates we view shares of Apple as attractive given (1) near term weakness well understood, (2) potential for significantly tax advantaged cash repatriation, (3) longer iPhone 8 cycle driving close to two years of ~10% growth, (4) higher ASP on the iPhone 8 (also higher BOM), (5) continued gross profit dollar growth, (6) strong iPhone upgrade potential from the installed base and (7) optionality from increased onshore cash for capital return and M&A. Our PO moves to \$140. reiterate Buy.

Upgrades from the installed base drive growth in F18, F19

Figure 5 shows our iPhone installed base analysis in which we estimate the installed base at 560mn units as of end 2016. Figure 6 shows that ~70% of our F17/F18/F19 Phone units are driven by upgrades. In our opinion the pent up demand from upgrades (last large cycle was iPhone 6) requires lower net share gains from Android (which if better could drive additional upside). span>

Slightly lowering our Phone units for Mar and Jun qtrs

We lower our iPhone units for the Mar and June quarters from 55mn/47mn to 50mn/44mn. We model 220mn (+4% Y/Y), 40mn (+9% Y/Y) and 266mn (+11% Y/Y) iPhone units for F17, F18 and F19, respectively, vs. prior 230mn, 254mn and 266mn. Our iPad, Mac, and Watch estimates remain unchanged.

Adjusting estimates, PO moves to \$140

Our PO moves to \$140, from \$125, on 2x our C2018 EPS estimate of \$11.51. We view the potential implementation of a border adjusted tax (see deep dive note), trade conflicts and a stronger USD as key risks for Apple in 2017.

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