BRINGING MORE INTELLIGENT SENSING TO MOBILE

Benchmark Micro Cap Discovery Conference

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Dec 10, 2015

SAFE HARBOR STATEMENT

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995

This presentation contains statements that are forward-looking including statements relating to the size of the total addressable market for our products and services, the compound annual growth rate for mobile market sectors, expectations relating to our new products, the time to market for various of our product innovations, expectations relating to our product innovations, our anticipated platform silicon roadmap and the expected timeline related to such roadmap, opportunities for our pipeline and our positioning for long-term, sustainable revenue growth, the benefits of our mobile-specific programmable logic to customers, the benefits of our solutions platforms, our plans with respect to new product revenue growth, our long-term target operating model, our projections related to our revenue, gross margin, expenses, operating income, net income and earnings per share. These forward-looking statements involve risks and uncertainties including but not limited to expectations relating to production targets for our New Products, revenue growth from our new products, our design activity and our ability to convert new design opportunities into customer activity, market acceptance of our customers' products and our expected results. In addition to U.S. GAAP financials, this presentation includes certain non-GAAP financial measures. These historical and forward-looking non-GAAP measures are in addition to, not a substitute for or superior to, measures of financial performance prepared in accordance with U.S. GAAP. QuickLogic's future results could differ materially from the results described in these forward-looking statements. These and other risk factors are detailed in QuickLogic's periodic reports and registration statements filed with the Securities and Exchange Commission. QuickLogic expressly disclaims any obligation to update or revise any forward-looking statements found herein to reflect any changes in Company expectations or results or any change in events.

CORPORATE BACKGROUND

Large, High Growth Markets	• Smartphones, Wearables, Tablets, and Mobile Enterprise • TAM nearly 2B units in 2018
Top Tier Customer Adoption	SAMSUNG, hp, FOXCONN, htc, NOKIA, KYOCERA, HUAWEI, runtastic, ZTE中兴, SHARP
Disruptive Technology	• Lowest power, customizable Sensor Processing Systems enable longer battery life • Broad spectrum of in-system reprogrammable and non-volatile programmable logic platforms for Smart Connectivity
Strong Ecosystem	QUALCOMM, SAMSUNG, Texas Instruments, MEMS Industry Group, mipi alliance, ANALOG DEVICES, amu, MEDIATEK, MARVELL, NORDIC SEMICONDUCTOR, sensory, mobeam, pcel, ST, BOSCH
Corporate	• NASDAQ: QUIK, HQ in Silicon Valley; R&D: Sunnyvale, Bangalore • Field Sales and Support: South Korea, Japan, China, Taiwan, UK • Employees - 91, 67% are Technical Staff

HIGH GROWTH, HIGH VOLUME FOCUS

	Android Smartphones	Wearables	Android Tablets	Mobile Enterprise
Ultra-low Power Sensor Processing Systems				
Programmable Smart Connectivity				
Display Bridges				

These markets represent a TAM of more than 2B units

SUCCESS → MULTIPLE PRODUCTS, MARKETS, & CUSTOMERS

Sensor Processing

FOXCONN

runtastic MOMENT ELITE MOMENT MOMENT BASIC MOMENT FUN

Telepathy

Top Tier Engagements

Connectivity

KYOCERA

JRC

HUAWEI

SHARP

THINKWARE

Display Bridges

G'FIVE

WATER WORLD

HiFlyway

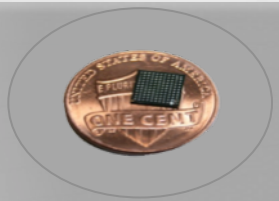
UNICAIR Communication

FLYAUDIO

SAMSUNG

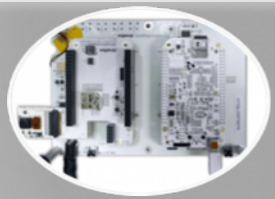
SHARP

SCALABLE BUSINESS STRATEGY



CSSP

- Customer Specific
- Enables OEM System Differentiation
- Fastest TTM for Custom Solution
- One Design → One OEM



Catalog CSSP Solutions

- Application Specific & Ready-to-Integrate
- Architected, Developed and Verified with Ecosystem Partners
- One design → Multiple OEMs

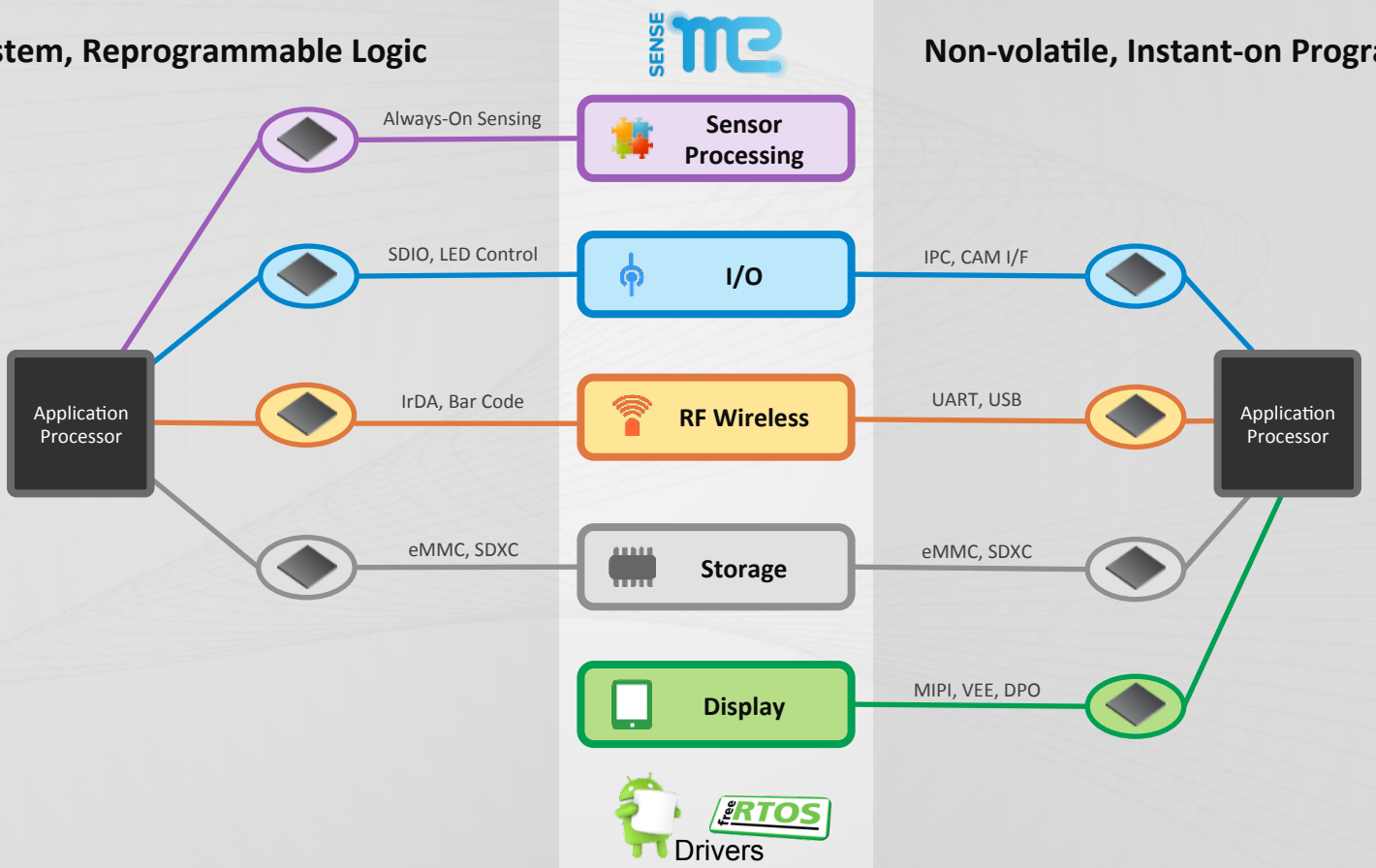
Sensor Qualified Vendor List

AKM, amu, BOSCH, Kionix, SILICON LABS, ANALOG DEVICES, InvenSense, muRata, Honeywell, ST

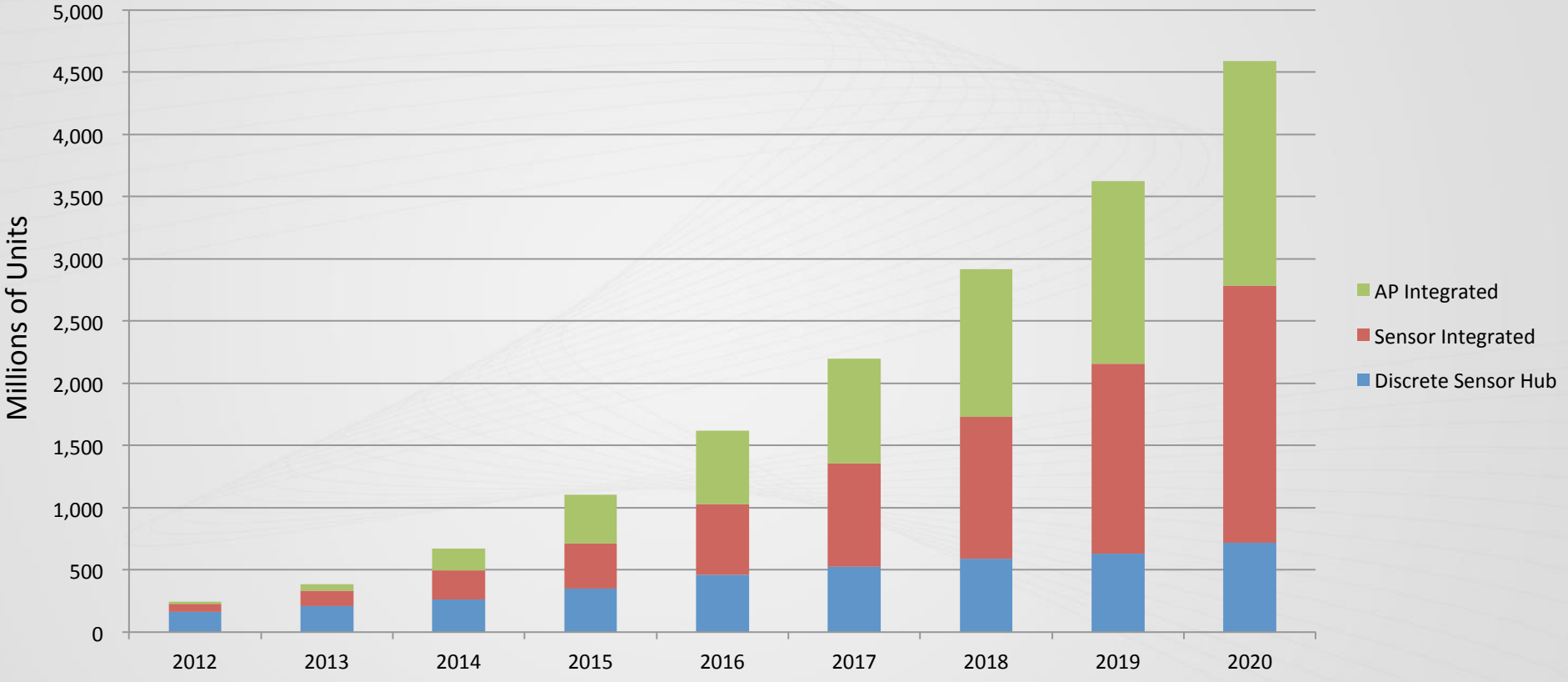
Processor Qualified Vendor List

BROADCOM, MARVELL, MEDIATEK, NORDIC SEMICONDUCTOR, QUALCOMM, SAMSUNG, Texas Instruments

QUICKLOGIC OFFERS THE BEST OF BOTH WORLDS

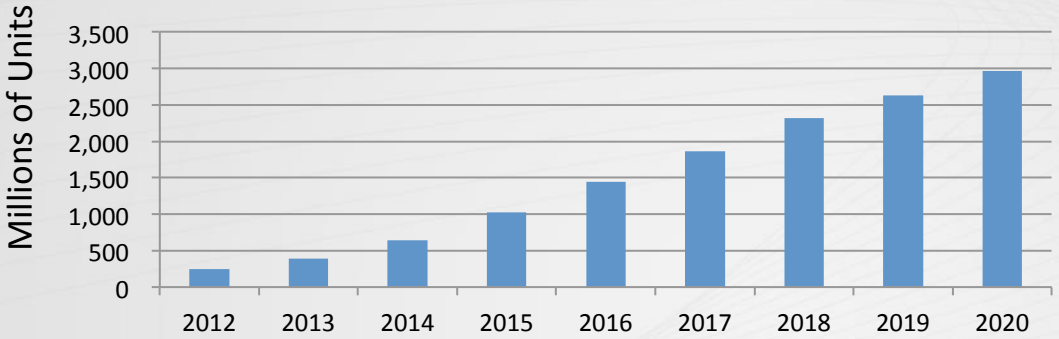


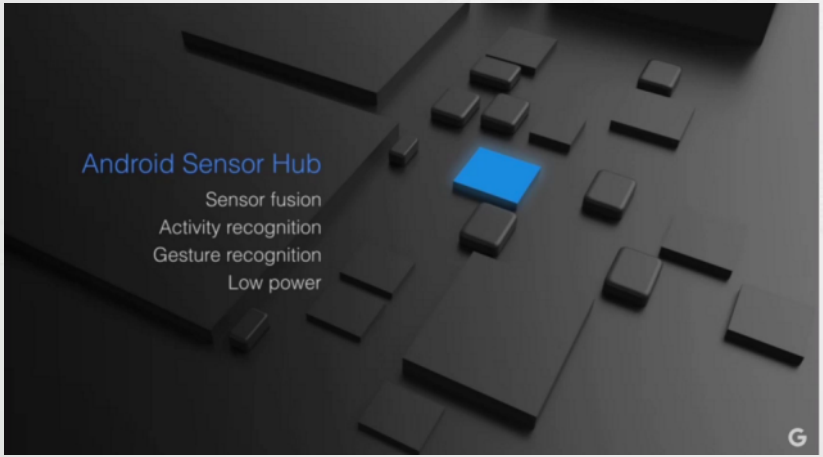
SENSOR PROCESSING:
RAPID GROWTH, HIGH VOLUME TOTAL AVAILABLE MARKET



Source: Semico Sensor Hub Report, June 2015. Includes Smartphone, Health/Fitness, and Home Automation

SMARTPHONES – ~3B UNIT OPPORTUNITY





Nexus 5X Nexus 6P

"With the launch of the new Nexus 6P and Nexus 5X, **Google is including a new "Sensor Hub" to enable the phones to be even more aware of their surroundings."**

Engadget – Sept 29 2015 at Google Launch Event

NEW APPLICATIONS AND USE CASES DRIVING GROWTH

Today's sensor processing tasks are considered *FUNDAMENTAL*

OEMs will differentiate through more *IMMERSIVE* consumer experience

Pedometer and User Activity

User Transport

Sensor Calibration

Android Compliance

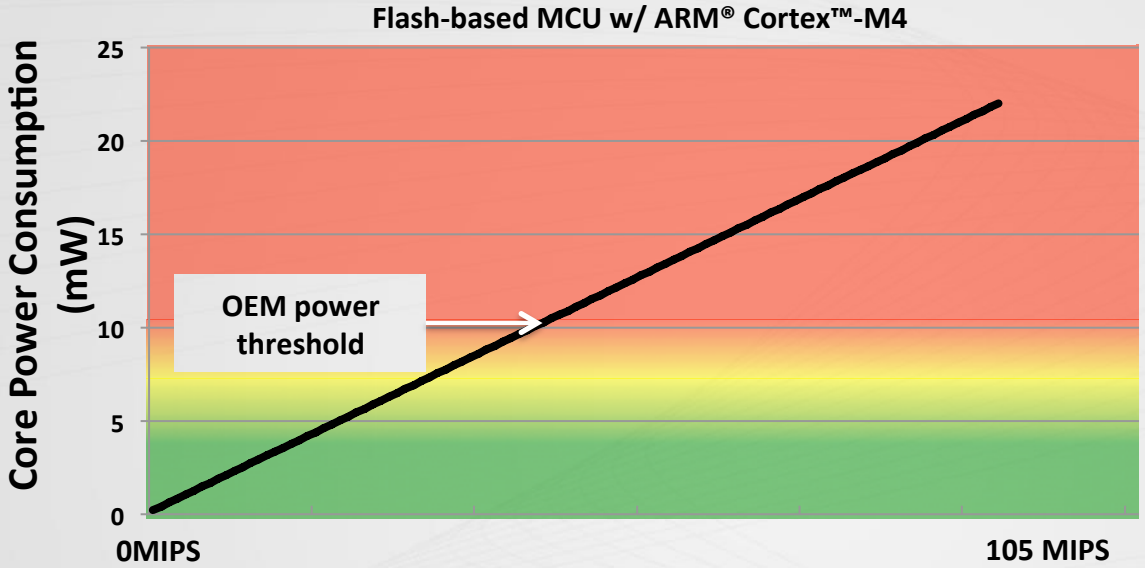
Motion-Compensated Heart Rate

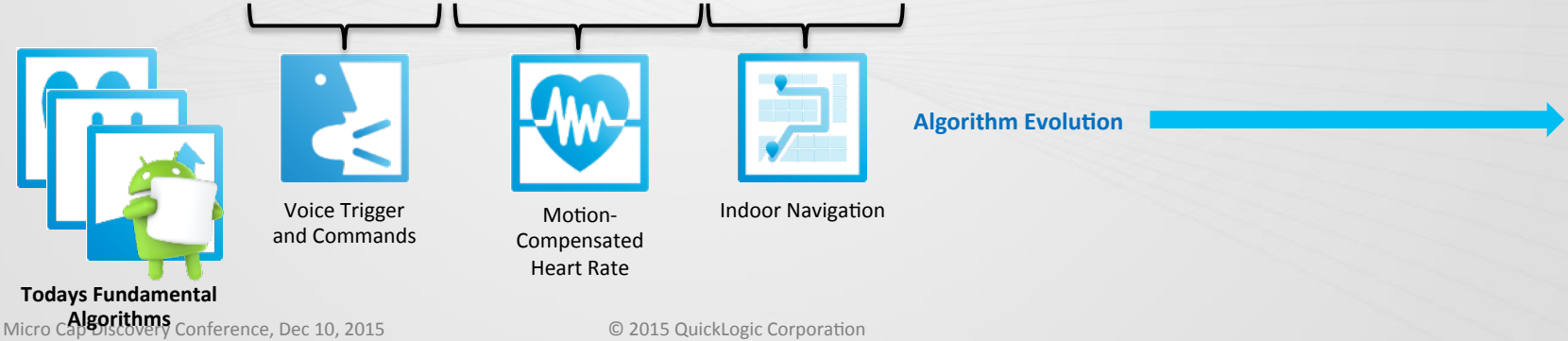
Voice Trigger and Commands

Indoor Navigation

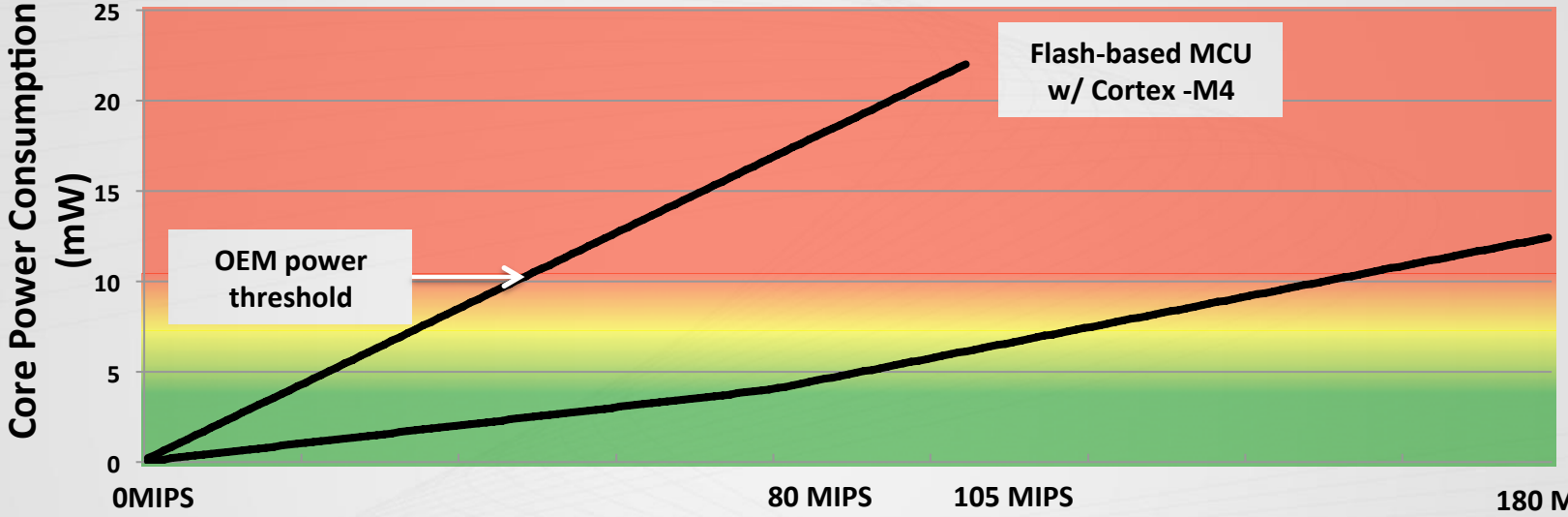
Advanced Health and Wellness, Environmental Monitoring, new ideas and concepts….

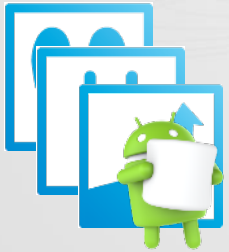
IMMERSIVE ALGORITHMS REQUIRE MORE MIPS





QUICKLOGIC CHANGES THE POWER EQUATION





Todays Fundamental Algorithms

Voice Trigger and Commands

Motion-Compensated Heart Rate

Indoor Navigation

Algorithm Evolution →

CORNERSTONES OF SENSOR PROCESSING SYSTEM

Silicon Platforms and Roadmap

ArcticLink 3 S1
ArcticLink 3 S2
ArcticLink 3 S2 LP
EOS S3

Flexible Fusion Engine
PATENT PENDING

SenseMe™ Sensor Algorithms

SENSE me

- Sensor Fusion Apps
- Gesture Recognition
- Context Classification
- Activity Monitoring

Reference Platforms & Design Tools





C-to-FFE Complier

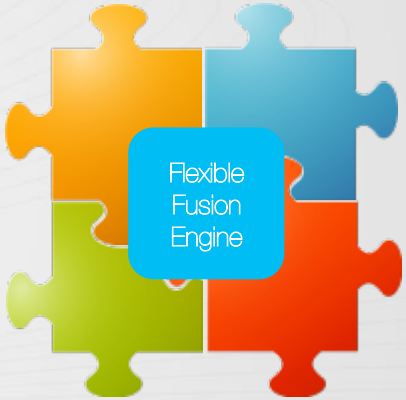
QVL & Ecosystem Partners

AKM, Analog Devices, amu, Bosch, InvenSense, Honeywell, Kionix, muRata, Silicon Labs, ST, Qualcomm, MediaTek, Nordic Semiconductor, Samsung, GSA Global Semiconductor Alliance

THE HEART OF OUR SENSOR HUB STRATEGY

Flexible Fusion Engine

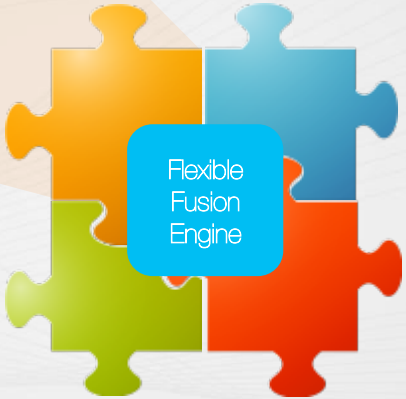
- Patent-pending design
- Integrated into all of our sensor hub platforms
- 70% better power consumption than traditional microcontroller implementations



CORNERSTONES OF SENSOR HUB STRATEGY

Silicon Platforms and Roadmap

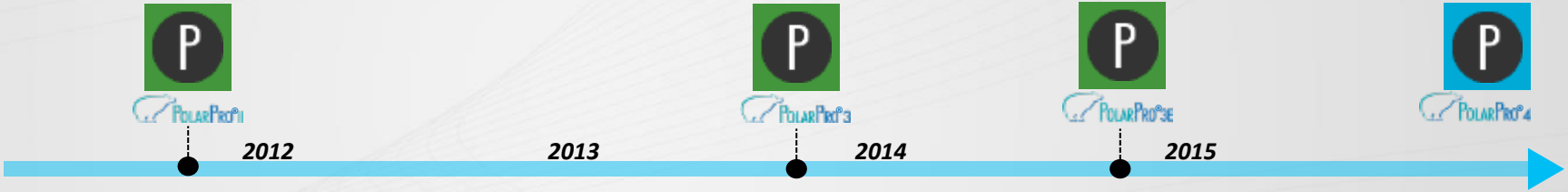
ARCTICLINK 3 S1
ARCTICLINK 3 S2
ARCTICLINK 3 S2 LP
EOS S3



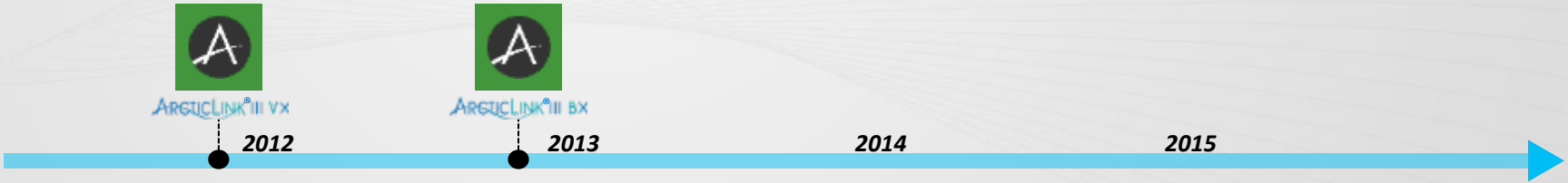
SILICON PLATFORM ROADMAP

ULTRA-LOW POWER SENSOR HUB

SMART CONNECTIVITY



DISPLAY AND VIDEO ENHANCEMENT



Production | Sampling | Development | Exploring

CORNERSTONES OF SENSOR HUB STRATEGY

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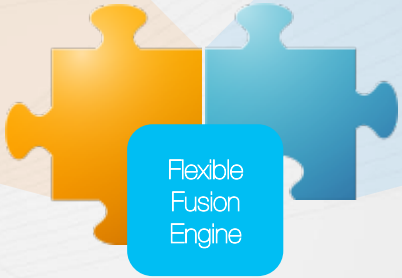
EOS S3



Sensor Algorithms

SENSE me

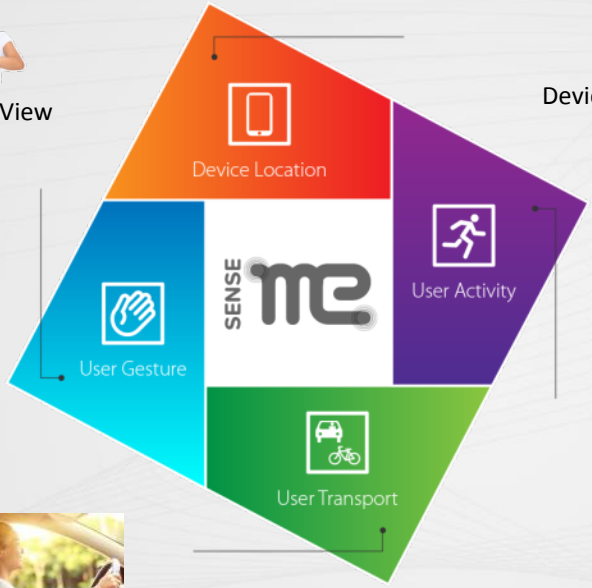
- High Value Apps
- Gesture Recognition
- Context Classification
- Activity Monitoring

SenseMe™ SENSOR ALGORITHMS

Bring to View

Device Not on Person

Accidental Drop



On Bicycle

In Car

Stationary

Walking

Running

Advanced Pedometer

Contexts

Slow, Normal, Fast Walking
Distance, Speed, Calorie Count

Cycling

Sleeping

Heart Rate

Swimming*

Elevation Change

*Under Development

BEST-IN-CLASS PEDOMETER ACCURACY

- Our patent-pending, enhanced pedometer accuracy surpasses today's leading products for accuracy and false step rejection.

QuickLogic

97% Accuracy

Leading Fitness Band

95% Accuracy

Leading Fitness Smartwatch

87% Accuracy

- Foundation of today's fitness and wellness applications, and pedestrian dead reckoning in the future.

CORNERSTONES OF SENSOR HUB STRATEGY

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Flexible Fusion Engine

Reference Designs



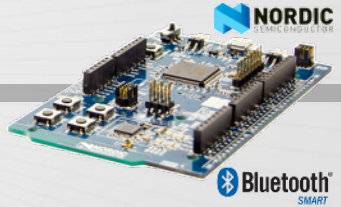

peel

C-to-FFE Complier

REFERENCE DESIGNS TO ACCELERATE TIME-TO-MARKET

Smartphone Evaluation Kits

Wearable Reference Designs



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Reference Platforms

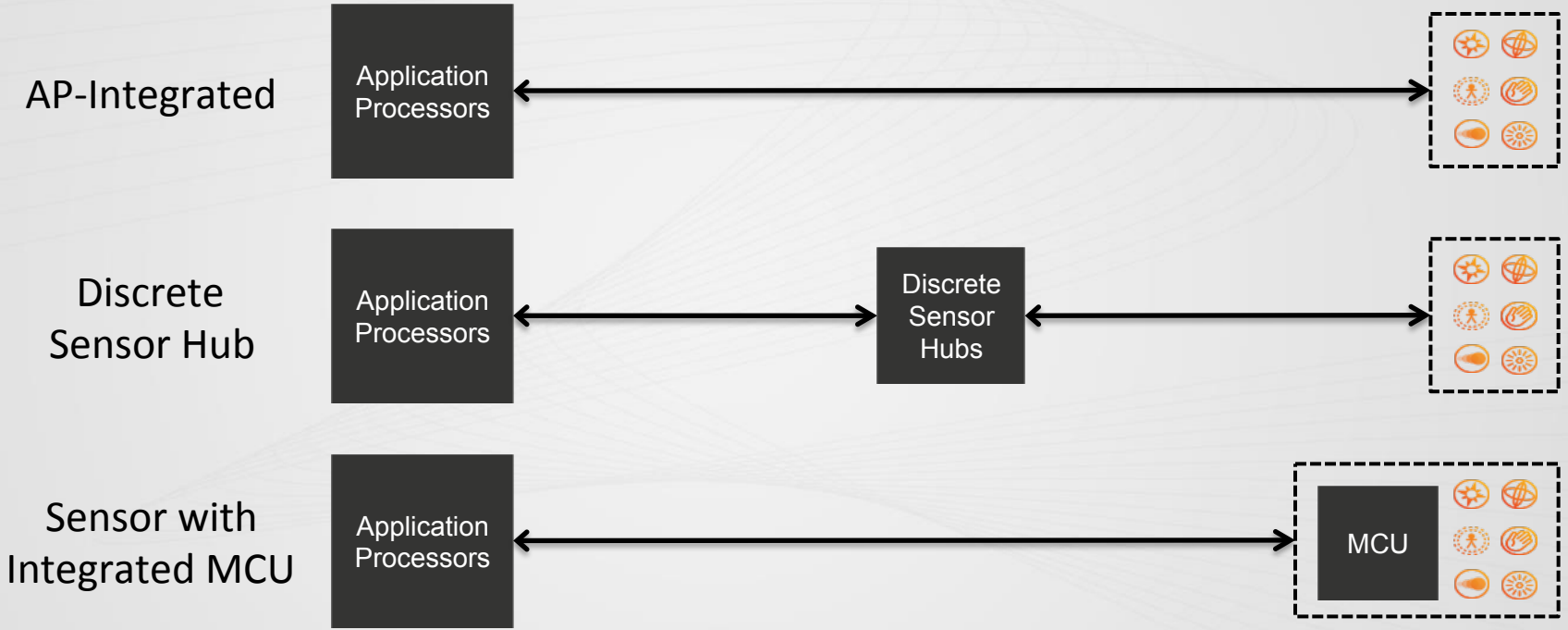
C-to-FFE Complier

Qualified Vendor List

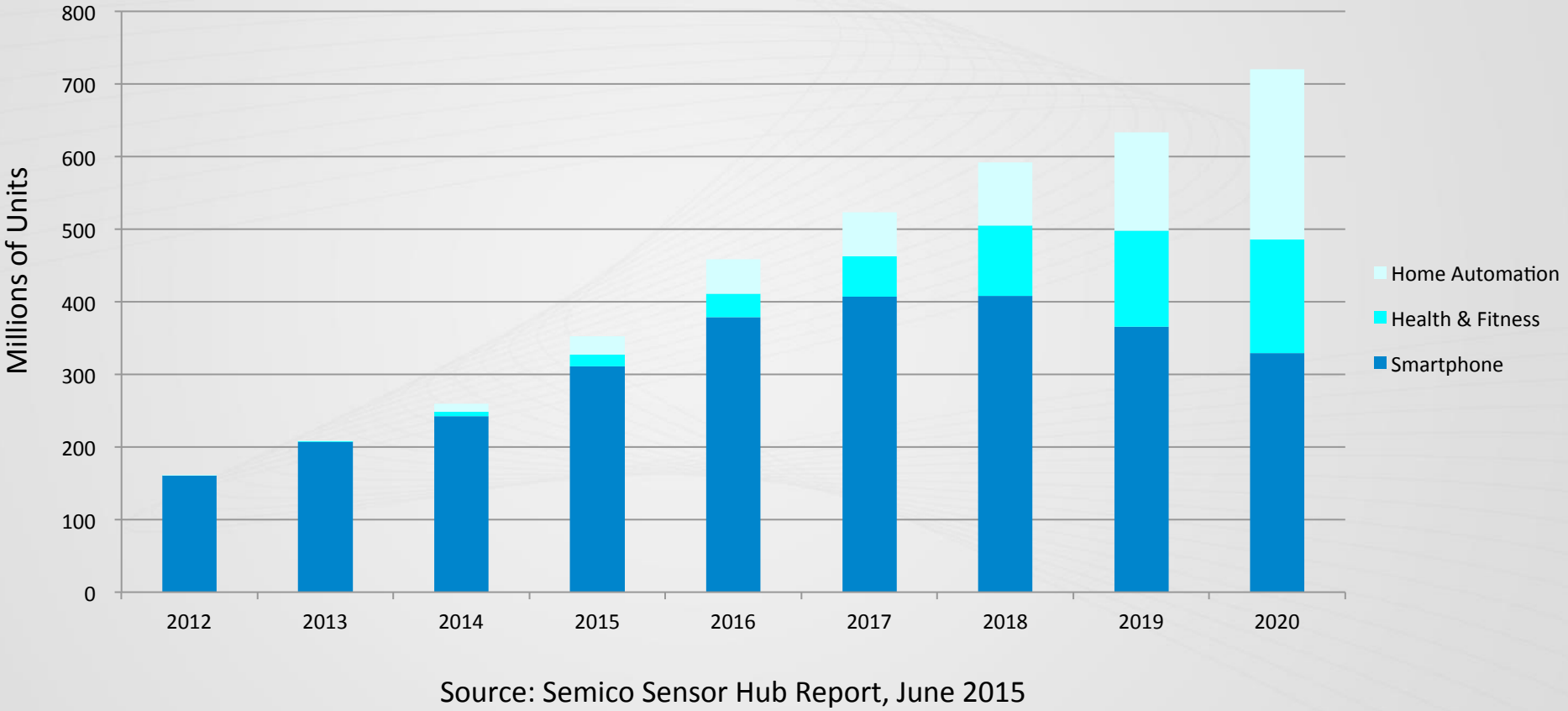
QUALIFIED VENDOR LIST SPEEDS TIME-TO-MARKET

- Our close collaboration with sensor vendors enables us to deliver solutions to the market as new sensors become available.

SENSOR HUB ARCHITECTURES OPTIONS



DISCRETE SENSOR HUBS: HIGH SERVED AVAILABLE MARKET



Source: Semico Sensor Hub Report, June 2015

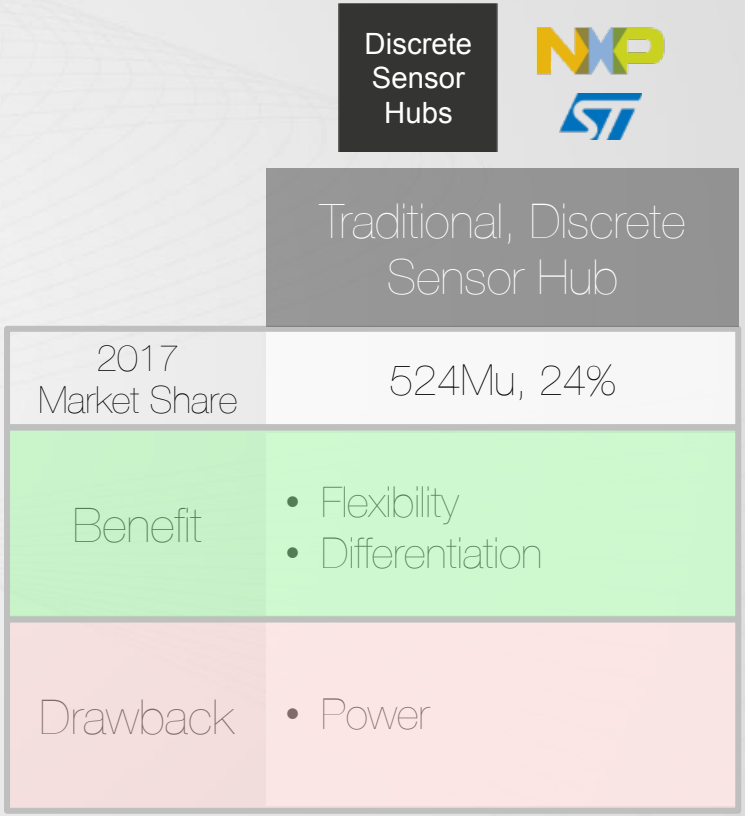
SENSOR HUB MARKET SHARE

	Application Processors (BROADCOM, MEDIATEK, QUALCOMM)	Discrete Sensor Hubs (NXP, ST)	MCU (BOSCH, InvenSense)
	AP-Integrated or GPS Device	Traditional, Discrete Sensor Hub	Sensor with Integrated MCU
2017 Market Share	846Mu, 38%	524Mu, 24%	830Mu, 38%
Benefit	• Integration	• Flexibility • Differentiation	• Integration
Drawback	• Power • Lacks Differentiation	• Power	• Power • Lacks Flexibility

Data from Semico Sensor Hub Report, 2015

WHY QUICKLOGIC IS DIFFERENT

- We use our patent-pending Flexible Fusion Engine to solve the power consumption problem
- We enable flexibility for OEMs to choose best-in-class sensors and algorithms
- Our in-system reprogrammable architecture and engagement model allows OEMs to achieve true differentiation
- Our SenseMe sensor algorithms enable OEMs without algorithm expertise to deliver compelling products



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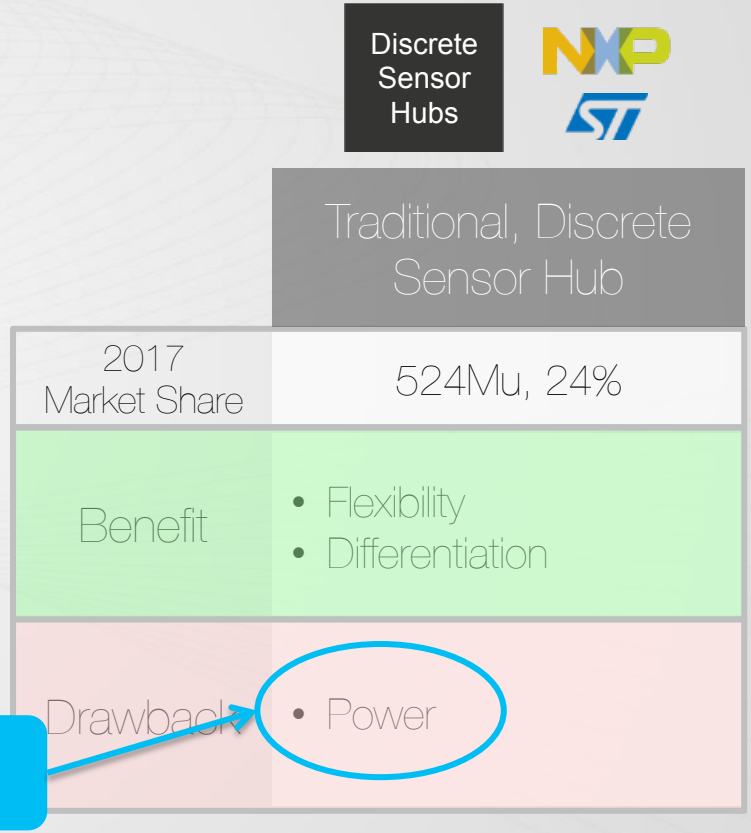
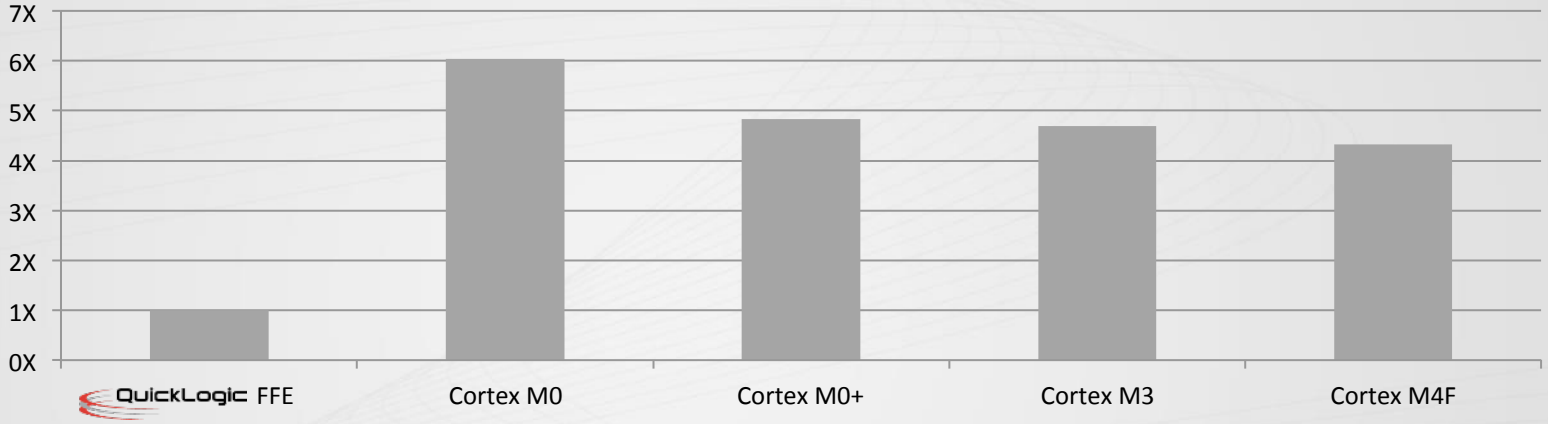
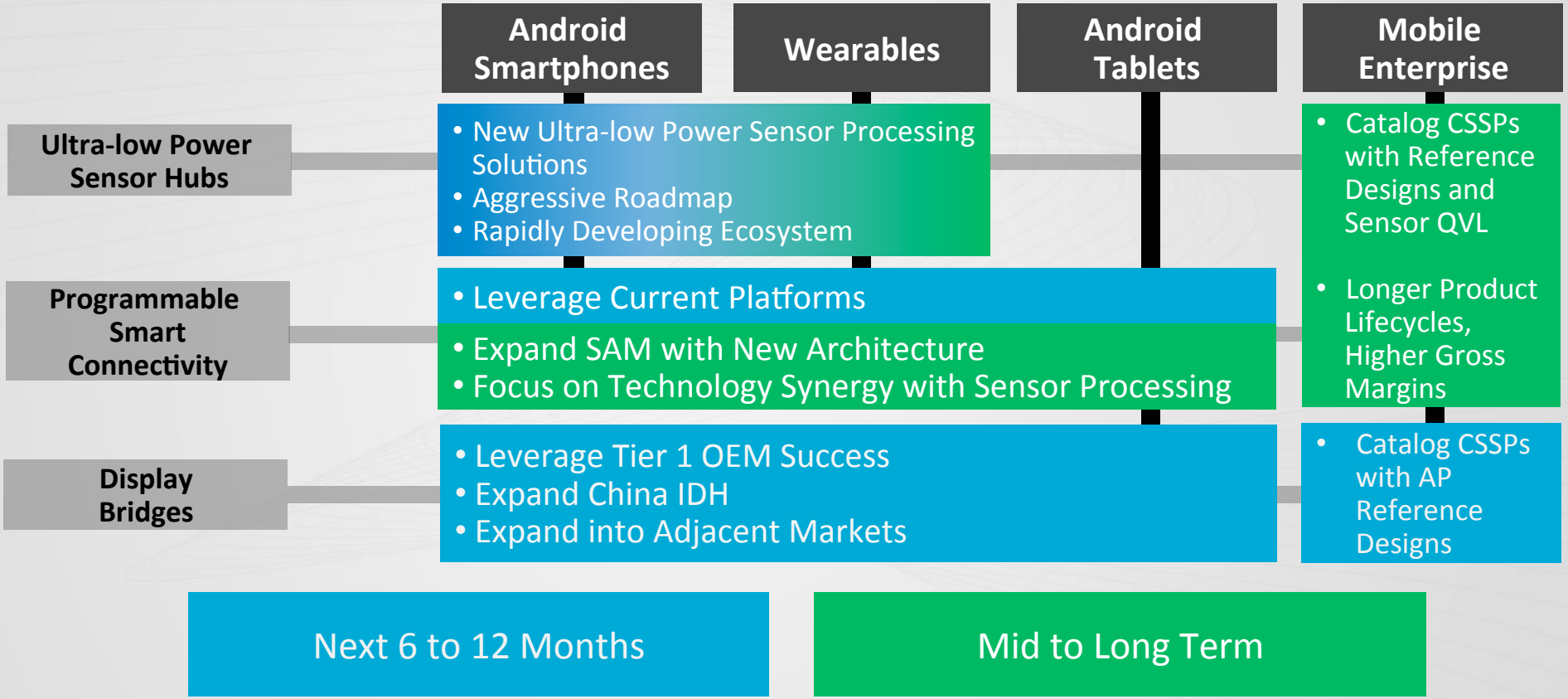


BEST-IN-CLASS POWER ENABLES LONGER BATTERY LIFE

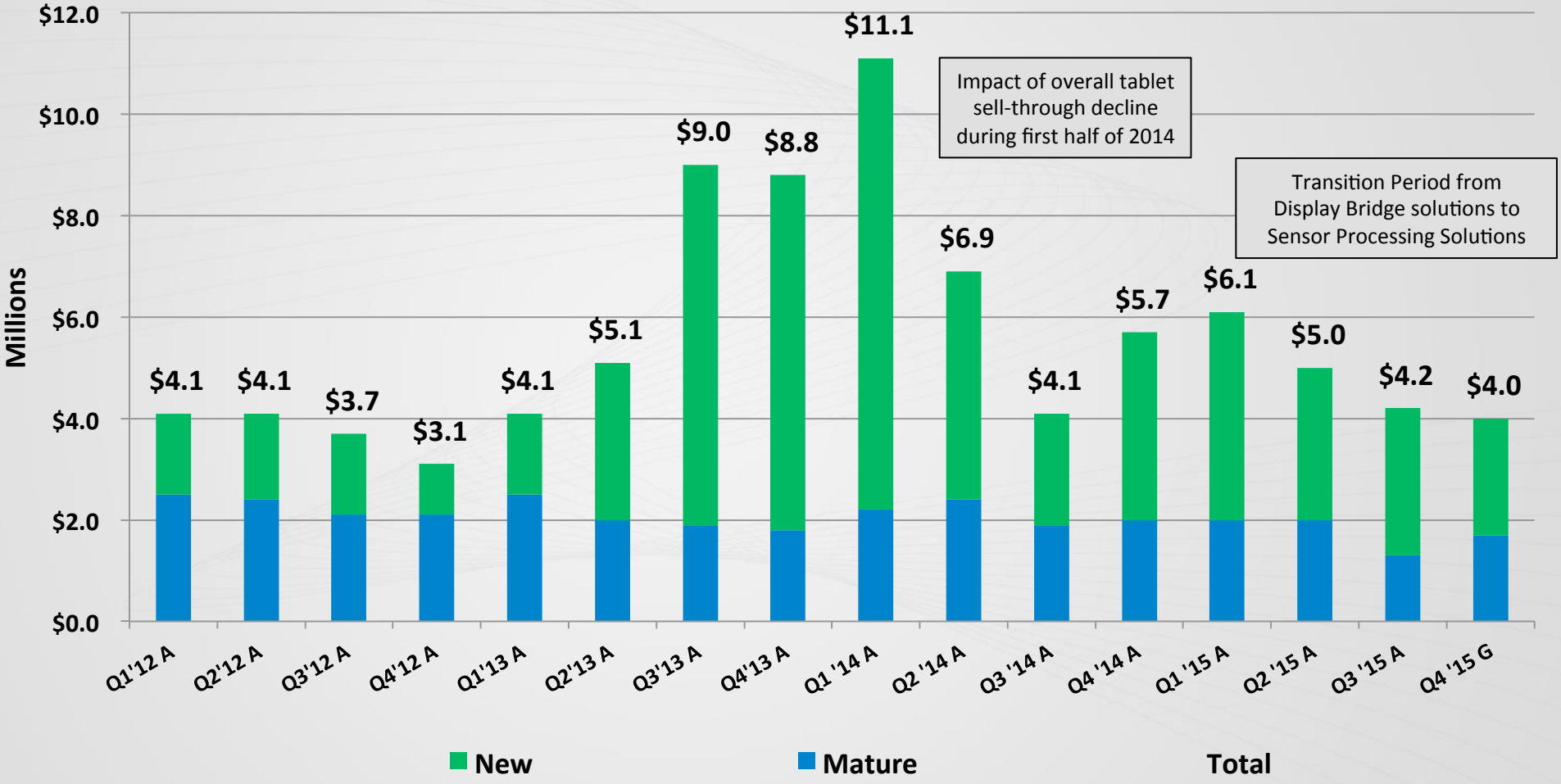
Power Consumption When Running QuickLogic SenseMe Algorithms



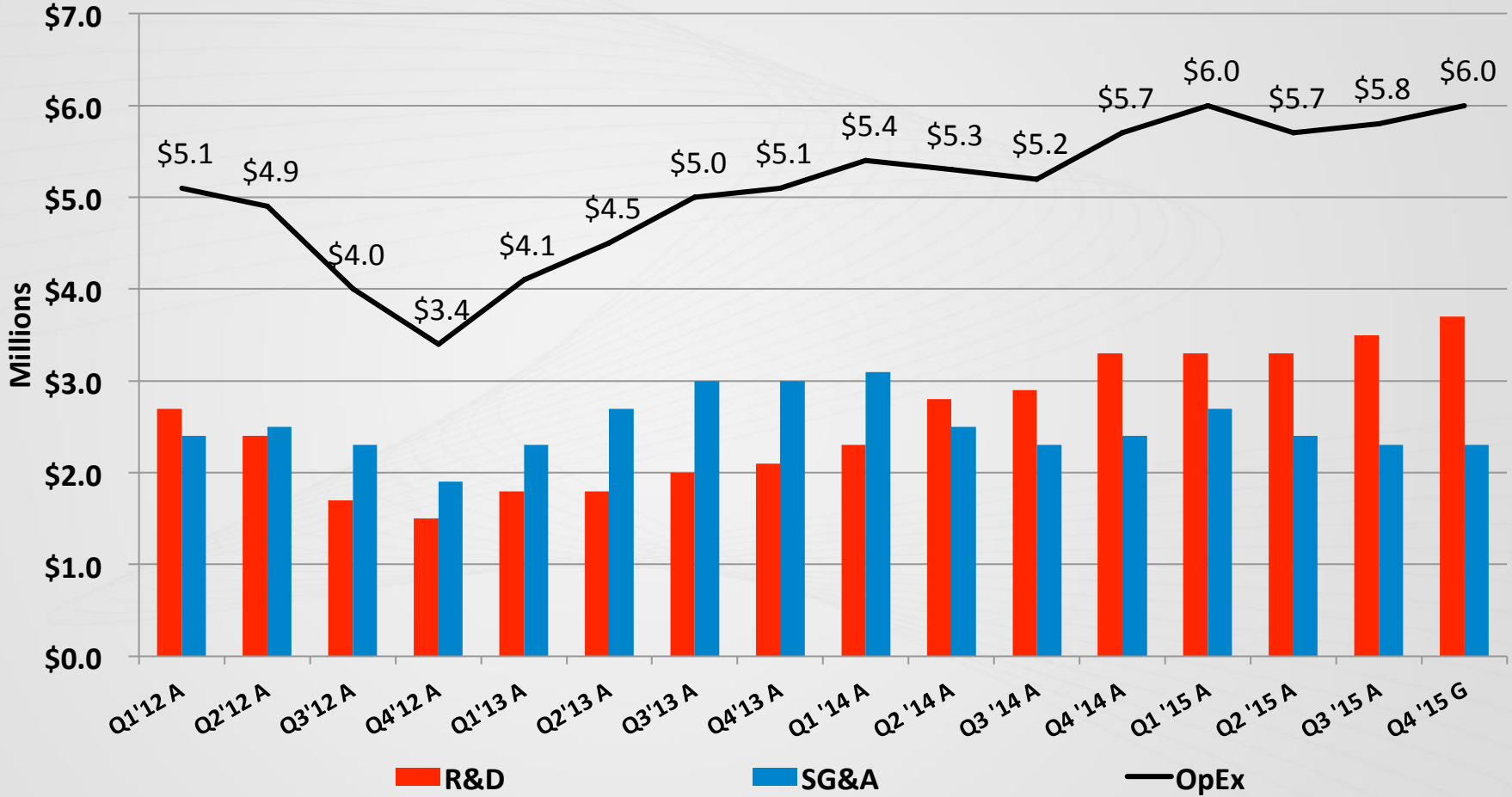
SOLUTIONS FOR LARGE, HIGH-GROWTH MOBILE MARKETS



QUARTERLY REVENUE TREND



NON-GAAP OPERATING EXPENSE TREND



P&L – NON GAAP

Non-GAAP Results Millions (except for EPS)	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	Q1'15 Actual	Q2'15 Actual	Q3'15 Actual	Q4'15 Guidance	FY 2015 Forecast
New Product Revenue	5.9	$18.2	$19.3	$4.1	$3.0	$2.9	$2.3	$12.3
Mature Revenue	9.0	$7.9	$8.4	$2.0	$2.0	$1.3	$1.7	$7.0
Total Revenue	14.9	$26.1	$27.8	$6.1	$5.0	$4.2	$4.0	$19.3
Gross Margin %	49%	35%	40%	47%	44%	31%	42%	42%
Research & Development	8.3	$7.7	$11.3	$3.3	$3.3	$3.5	$3.7	$13.8
SG&A	9.1	$10.9	$10.3	$2.7	$2.4	$2.3	$2.3	$9.7
Total Operating Expense	17.4	$18.6	$21.7	$6.0	$5.7	$5.8	$6.0	$23.5
Operating Income (Loss)	($10.1)	($9.5)	($10.5)	($3.1)	($3.5)	($4.5)	($4.3)	($15.3)
Net Income (Loss)	($10.3)	($9.9)	($10.8)	($3.1)	($3.6)	($4.5)	($4.3)	($15.6)
EPS	($0.25)	($0.22)	($0.19)	($0.06)	($0.06)	($0.08)	($0.08)	($0.28)

→ R&D investment increased 47% from 2013 to 2014 and expects to increase 22% in 2015 for new sensor platform development

TARGET OPERATING MODEL

Targets	Mid Term	Long Term
Revenue Growth	Revenue Growth Expectations Outpace Spending Growth	
Gross Margin *	Trending to Long Term Model	50%
Operating Margin *	NA	10%+
Cash Flow	Cash Burn Decreasing	Positive Cash Flow

* Non-GAAP Measures

NOTE: These projections are subject to a number of assumptions, risks, uncertainties and other factors that may cause our actual results to differ materially from such projections

BALANCE SHEET & CAPITALIZATION TABLE

(Millions)	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	Q1'15 Actual	Q2'15 Actual	Q3'15 Actual
Cash	$22.6	$37.4	$30.0	$28.2	$26.4	$23.4
Current Assets (less cash)	$5.6	$8.7	$7.7	$6.1	$5.5	$4.9
Total Current Assets	$28.2	$46.1	$37.7	$34.3	$31.9	$28.3
Total Assets	**$31.0**	**$49.1**	**$41.1**	**$37.5**	**$34.8**	**$31.1**
Total Current Liabilities	$3.3	$8.3	$4.3	$3.8	$5.5	$5.4
Total Liabilities *	**$3.7**	**$8.5**	**$5.6**	**$5.1**	**$5.7**	**$6.6**
Shareholders Equity	**$27.3**	**$40.6**	**$35.5**	**$32.4**	**$29.1**	**$24.5**

* Includes $1M borrowing from SVB $12M Line of Credit

Capitalization Table Highlights		
Common Stock Outstanding	56.6M	as of 9/27/2015
Market Cap	$91.7M	as of 9/27/2015 (200 day avg price $1.62)
Options Outstanding	6.0M	as of 9/27/2015 (weighted avg price $2.68)
RSUs Outstanding	0.8M	as of 9/27/2015
Warrants Outstanding	2.3M	@ $2.98, expire 6/2017

SUMMARY

- Targeting a 2Bu+ (in 2017), high growth mobile consumer market where battery life matters
- Disruptive, patented low power, in-system programmable logic optimized for mobile
- Highly differentiated sensor processing (hardware & software) solutions enable significantly longer battery life