

Investor Presentation

November 2021



Safe Harbor Statement

This presentation contains forward-looking statements regarding our future business expectations, which are subject to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are generally written in the future tense and/or are preceded by words such as “will”, “may”, “should”, “forecast”, “could”, “expect”, “suggest”, “believe”, “anticipate”, “intend”, “plan”, “future”, “potential”, “target”, “seek”, “continue”, “if” or other similar words. These forward-looking statements are only predictions and may differ materially from actual results due to a variety of factors, including: delays in the market acceptance of the Company's new products; the ability to convert design opportunities into customer revenue; our ability to replace revenue from end-of-life products; the level and timing of customer design activity; the market acceptance of our customers' products; the risk that new orders may not result in future revenue; our ability to introduce and produce new products based on advanced wafer technology on a timely basis; our ability to adequately market the low power, competitive pricing and short time-to-market of our new products; intense competition, including the introduction of new products by competitors; our ability to capitalize on synergies with our new acquire subsidiary, SensiML Corporation; our ability to hire and retain qualified personnel; changes in product demand or supply; capacity constraints; political events, international trade disputes, war, terrorism, natural disasters, public health issues, including the COVID-19 pandemic, and other business interruptions that could disrupt supply or delivery of, or demand for, the Company's products; changes in tax rates and exposure to additional tax liabilities; and general economic conditions. These and other potential factors and uncertainties that could cause actual results to differ from the results predicted are described in more detail in the Company's public reports filed with the Securities and Exchange Commission (the "SEC"), including the risks discussed in the "Risk Factors" section in the Company's Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and in the Company's prior press releases, which are available on the Company's Investor Relations website at <http://ir.quicklogic.com/> and on the SEC website at www.sec.gov. 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.

Non-GAAP Financial Measures

QuickLogic reports financial information in accordance with United States Generally Accepted Accounting Principles, or U.S. GAAP, but believes that non-GAAP financial measures are helpful in evaluating its operating results and comparing its performance to comparable companies. Accordingly, the Company excludes charges related to stock-based compensation, restructuring, the effect of the write-off of long-lived assets and the tax effect on other comprehensive income in calculating non-GAAP (i) income (loss) from operations, (ii) net income (loss), (iii) net income (loss) per share, and (iv) gross margin percentage. The Company provides this non-GAAP information to enable investors to evaluate its operating results in a manner similar to how the Company analyzes its operating results and to provide consistency and comparability with similar companies in the Company's industry.

Management uses the non-GAAP measures, which exclude gains, losses and other charges that are considered by management to be outside of the Company's core operating results, internally to evaluate its operating performance against results in prior periods and its operating plans and forecasts. In addition, the non-GAAP measures are used to plan for the Company's future periods, and serve as a basis for the allocation of the Company's resources, management of operations and the measurement of profit-dependent cash and equity compensation paid to employees and executive officers.

Investors should note, however, that the non-GAAP financial measures used by QuickLogic may not be the same non-GAAP financial measures, and may not be calculated in the same manner, as that of other companies. QuickLogic does not itself, nor does it suggest that investors should, consider such non-GAAP financial measures alone or as a substitute for financial information prepared in accordance with U.S. GAAP. A reconciliation of U.S. GAAP financial measures to non-GAAP financial measures is included in the financial statements portion of this press release. Investors are encouraged to review the related U.S. GAAP financial measures and the reconciliation of non-GAAP financial measures with their most directly comparable U.S. GAAP financial measures.

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Company Overview



Founded: 1989, public since 1999



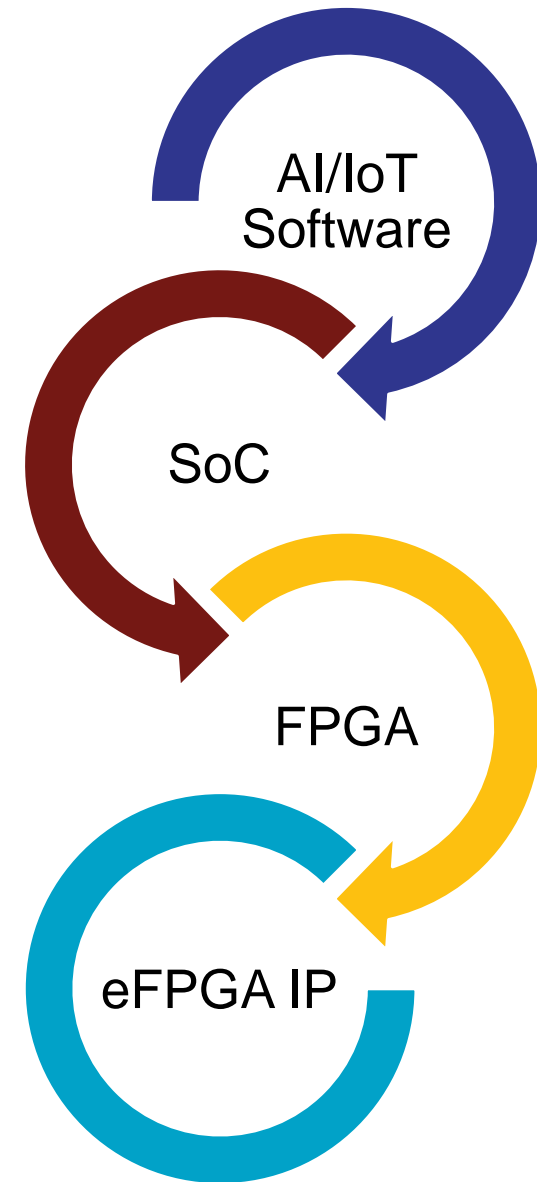
Ticker: QUIK (NASDAQ)



Headquarters: San Jose, CA



Patents: 21 U.S. (plus 3 pending)
11 international (plus 5 pending)



Delivering End-to-End Solutions

Technology Leadership and Applications

First Programmable Logic company to actively contribute to a fully open-source suite of development tools

Platform company enabling customers to quickly & easily create intelligent ultra-low power endpoints

Ultra-low power, multi-core platforms & hardware & software-based IP for AI, voice & sensor processing applications

Fabless model to provide a unique combination of silicon platforms, IP cores, HW, SW, & AI SaaS solutions to customers

\$1 Billion+⁽¹⁾ Served Addressable Market (SAM) Across:



Hearables



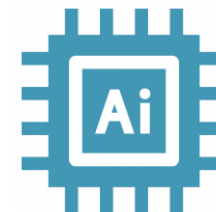
Wearables



Consumer



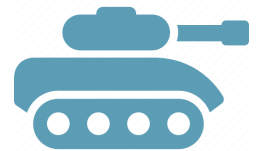
Industrial IoT



AI-enabled



Aerospace



Defense

Moving Into Sustained Growth Mode

ML / AI End-to-End Solution



- Democratizing power of Machine Learning (ML) / end-to-end solution for Edge Artificial Intelligence (AI) market
- End-to-end hardware (HW) / software (SW) solution for Internet of Things (IoT) and AI
- Pipeline of new opportunities is expanded with tens of millions of dollars new opportunities heading into FY'22

Open-Source HW & SW



- Announced a \$2 million eFPGA contract – largest contract to date
- Launched Australis™ eFPGA IP Generator; features and capabilities specific to implementing QuickLogic's eFPGA IP solutions
- QORC initiative provides a fully open-source suite of development tools for Company's FPGA and eFPGA technologies

Software & Licensing Model



- SensiML Analytics Toolkit now running on onsemi, Silicon Labs, Microchip, NXP and STMicro
- SensiML workflow integration with Google's TensorFlow Lite for Microcontrollers expands potential user base

Financial Outlook



- Q3'21 revenue up ~34% sequentially, the highest since Q3'15; FY'21 new product revenue >50% of total revenue
- Gross margin (non-GAAP) a record 73% in Q3'21; annual gross margin to be in the low 60% range for FY'21, up from 51% in FY'20
- Non-GAAP net loss of ~\$400,000 the best since Q4'10; profitability targets on track

Customers and Ecosystem



End-to-End HW/SW Platform Company

Doubled SAM Since 2017 to \$1B+⁽¹⁾ Through Strategic Initiatives and Acquisitions

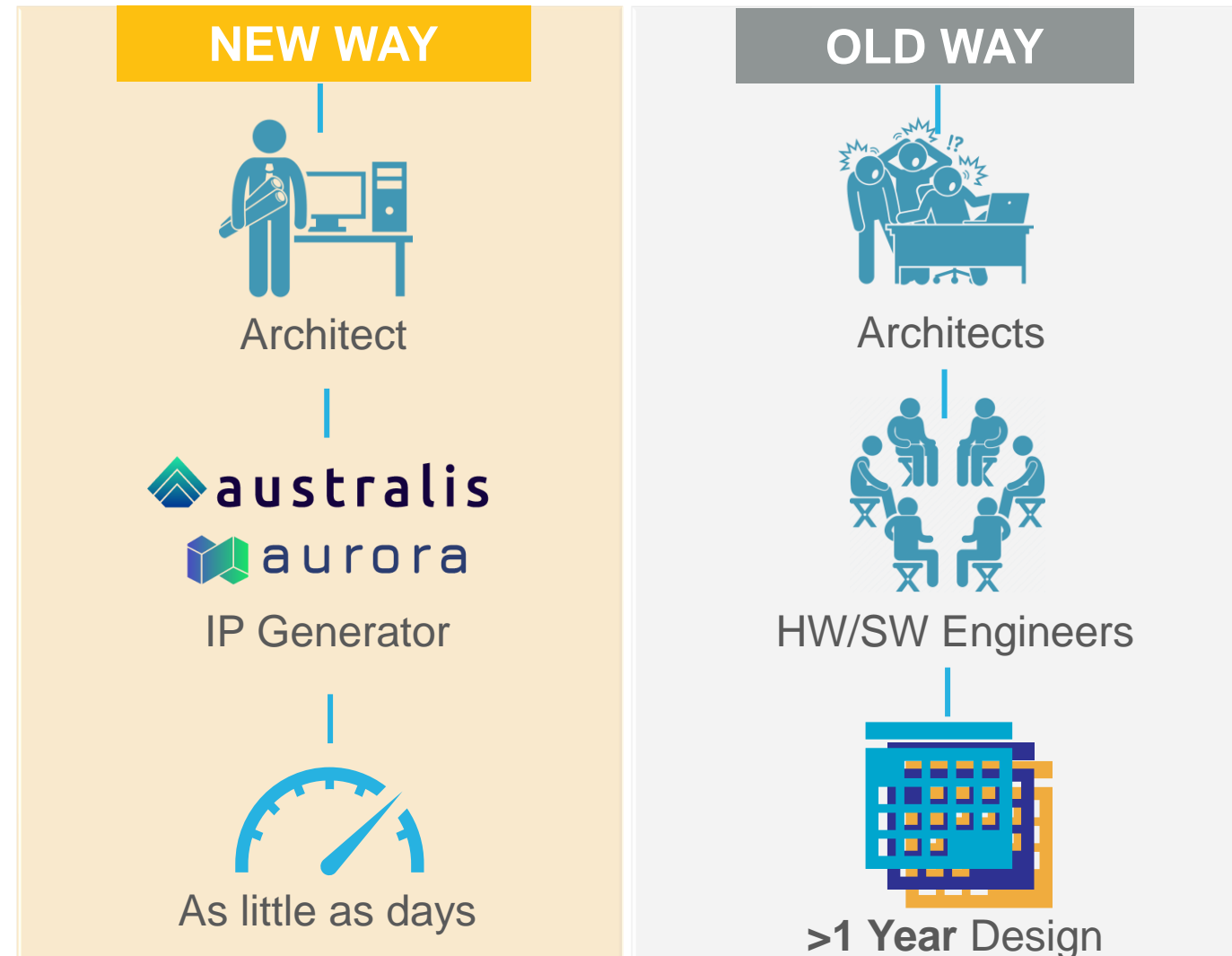


Ramping New Product Revenue – Significantly Improving Financial Performance⁽²⁾

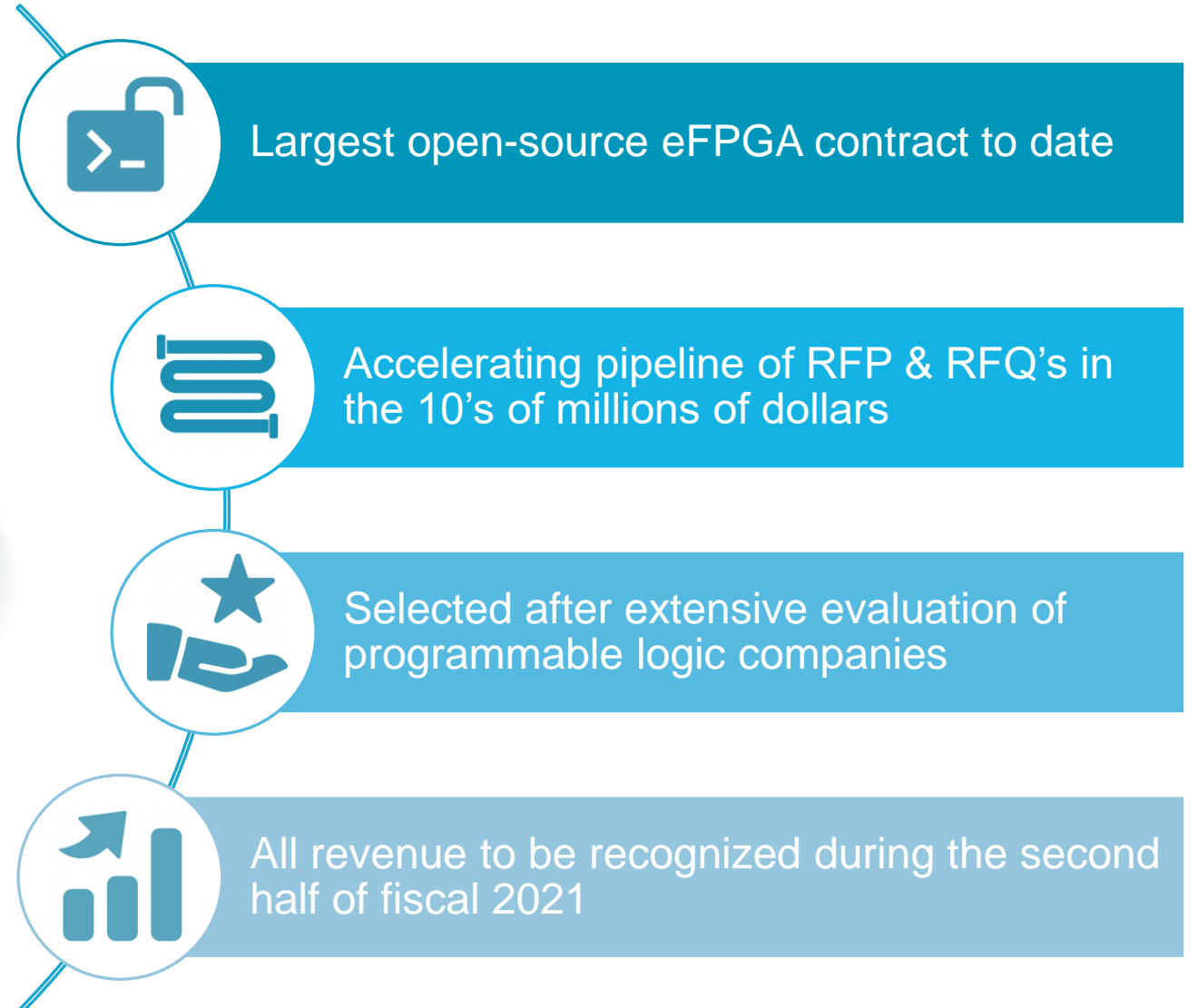
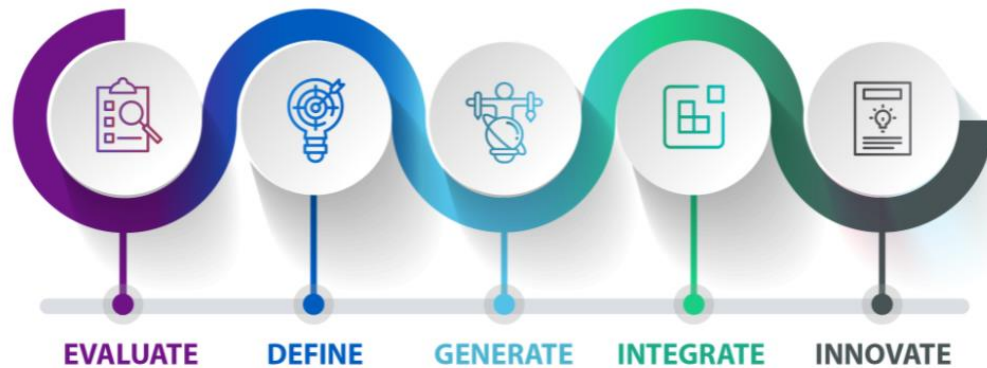
- **Numerous design wins** in new products and software, IP and SaaS revenue
- Expanded MCU Partnerships **driving SensiML technology adoption**
- **Multiple growth drivers leading to revenue and gross margin expansion**

Australis™ - eFPGA IP Generator

- LEADER
 - QuickLogic's newest industry leading eFPGA IP Generator
- TIME-TO-MARKET
 - Delivers fast-time to market – days/weeks vs. months/years
- FLEXIBLE
 - Flexibility to meet your SoC design requirements
- LOW COST
 - Cost-effective automated approach
- GROWING NUMBER OF WINS
 - Signed first eFPGA IP from Australis IP Generator for UMC 22nm process



\$2 Million eFPGA Contract



*Announced September 1, 2021

Growing Partnerships and Distribution Channels



PARTNERSHIPS

- New partnerships with global semiconductor companies onsemi and Microchip Technology
- Focused on Smart Edge IoT Applications
- Simplifying development of artificial intelligence code for smart industrial, consumer, and commercial edge IoT applications
- Expands on existing partnerships with leaders such as STMicro, NXP and Silicon Labs

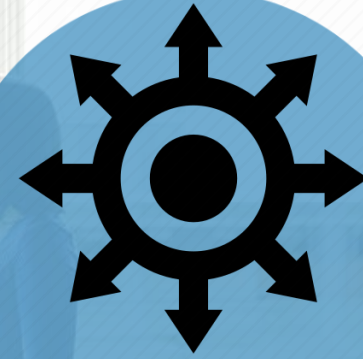
onsemi



NXP



SILICON LABS



DISTRIBUTION

- SensiML signed a worldwide distribution agreement with Digi-Key Electronics.
- Digi-Key now offers the Basic Edition of SensiML's Analytics Toolkit globally
- Signed agreement with Digi-Key to include worldwide distribution of QuickLogic products
- Added distribution agreement with Mouser Electronics in Q2'21



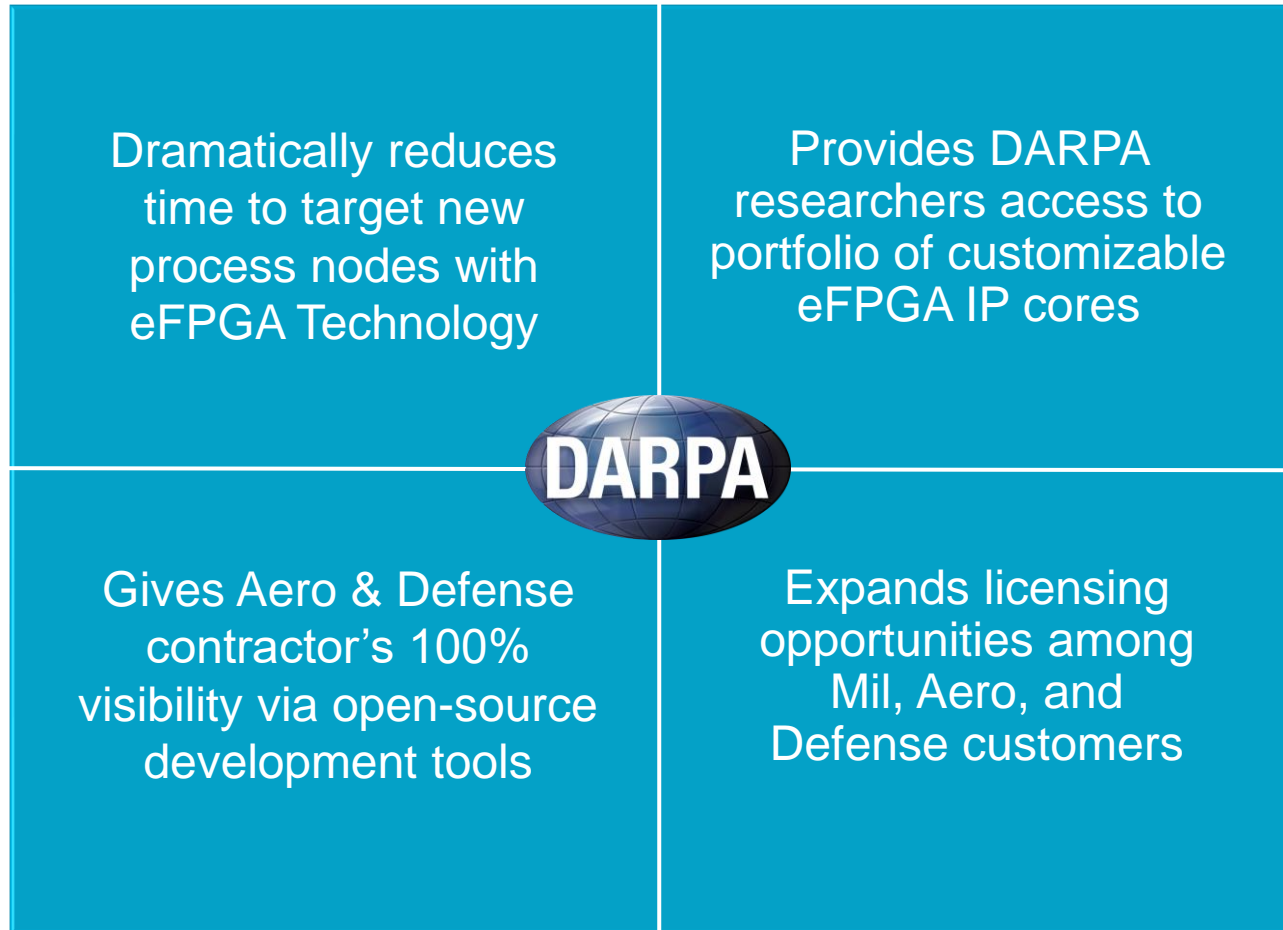
CROWD SUPPLY



MOUSER
ELECTRONICS

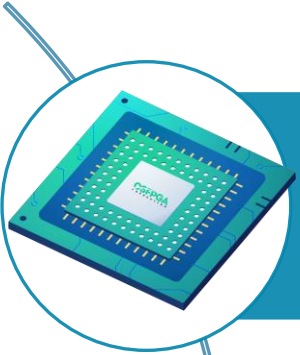
sparkfun[™]
ELECTRONICS

Expanding Markets - DARPA Toolbox Initiative



**Authorized supplier of embedded
FPGA IP & open-source FPGA tools**

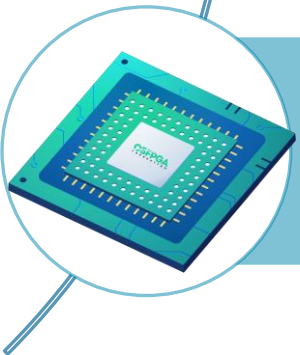
Open-Source Driving Innovation



Foundation includes industry leading corporations and global academic institutions

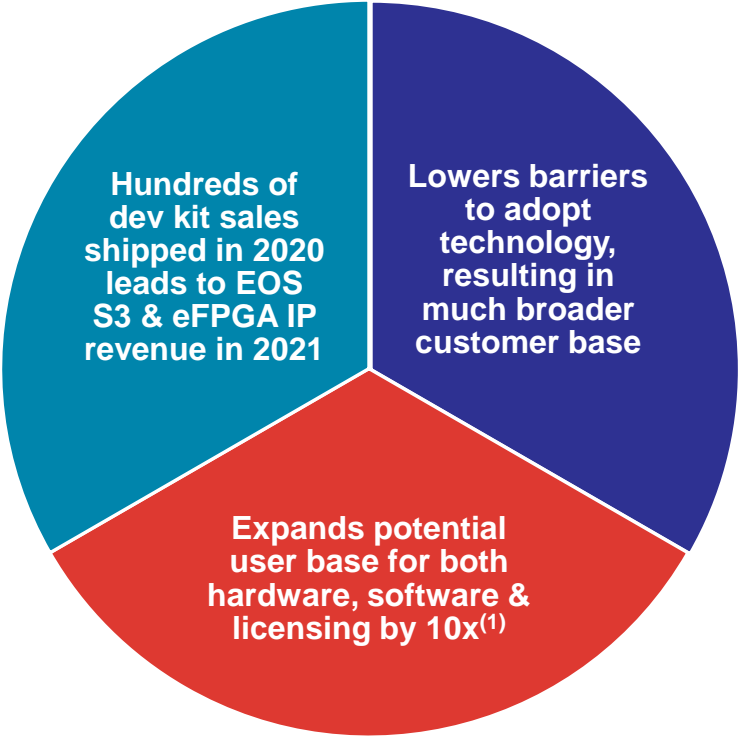
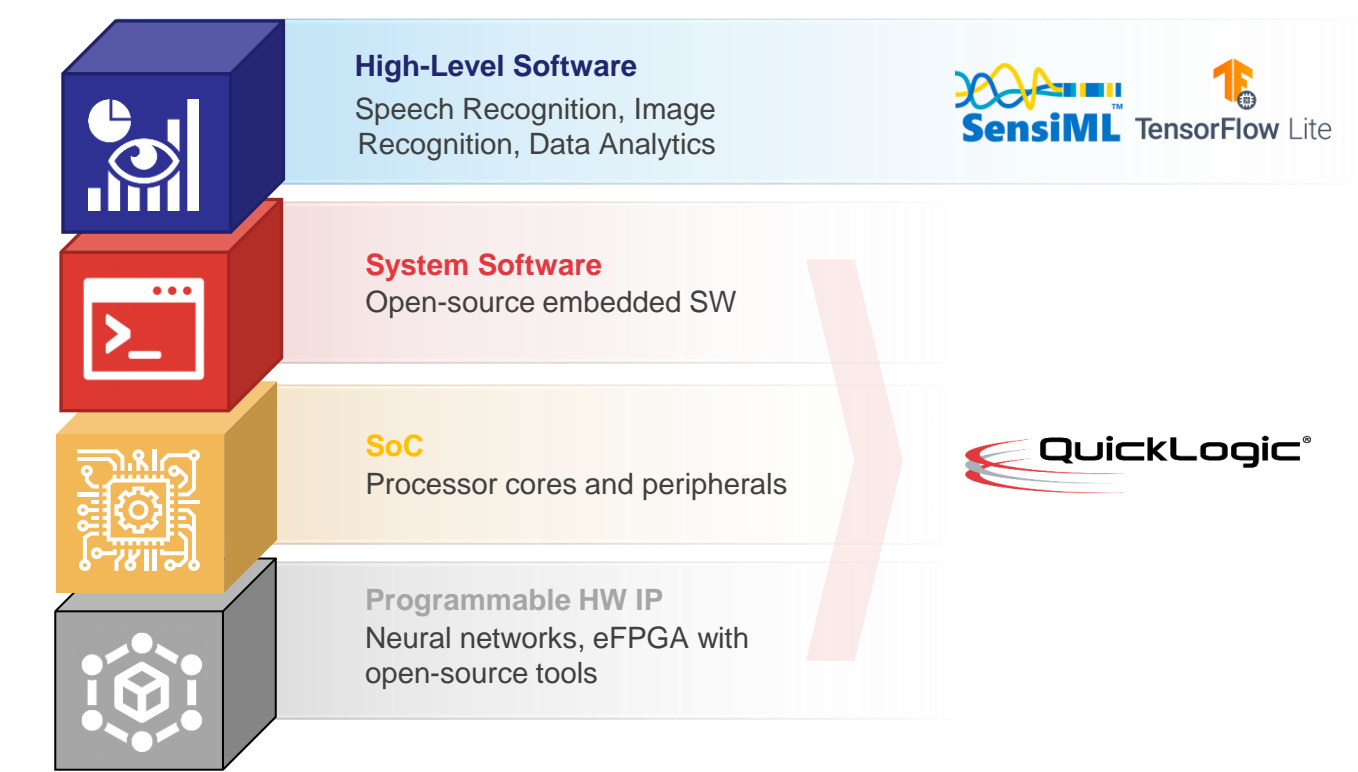


Expands our served market by reducing the cost and complexity of implementing and designing for FPGA technology



Accelerates the time-to-market development & reduce risk through open source, ratified FPGA

Open-Source FPGA Collaboration – Leveraging our Technology



REVENUE OPPORTUNITY

Jointly Developed in Collaboration

Google **QORC** **antmicro**

QuickLogic Open Reconfigurable Computing

Complete Ecosystem

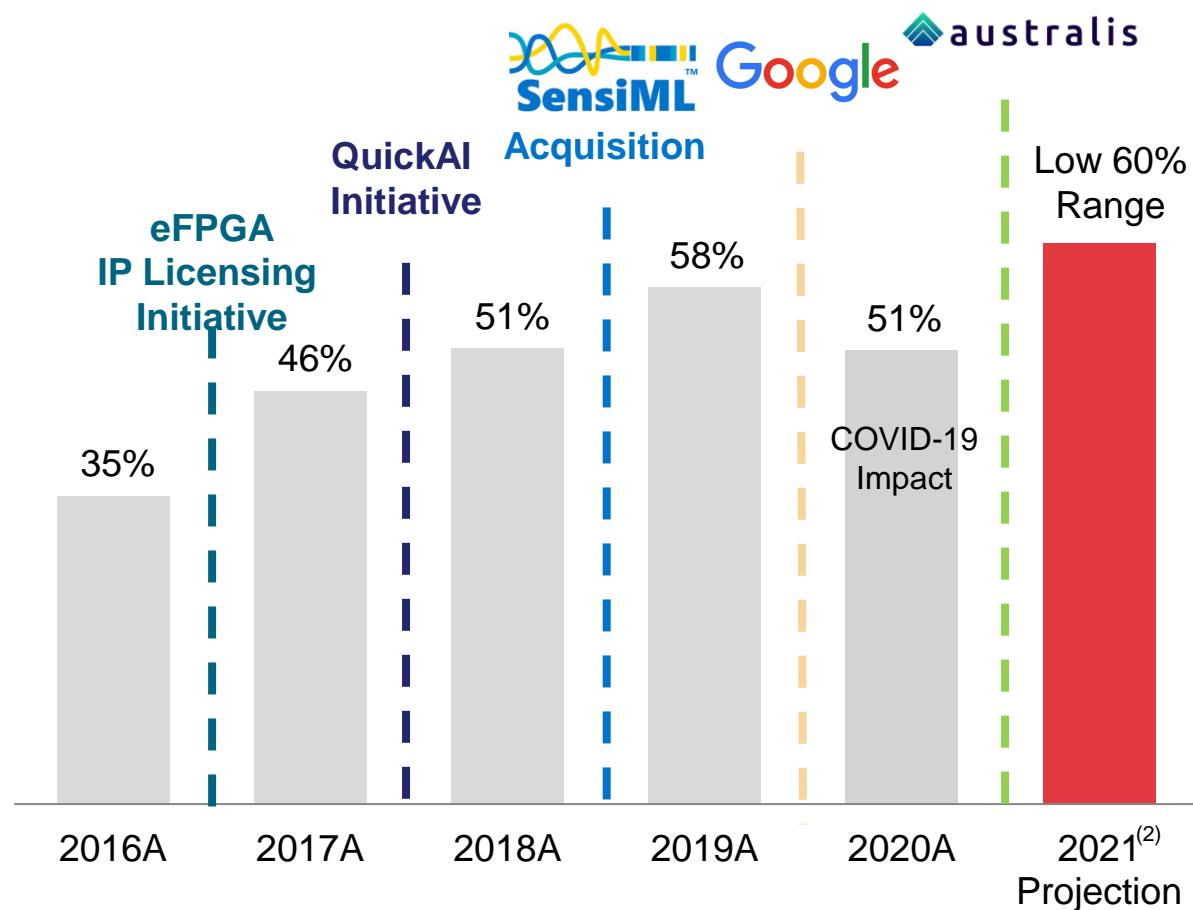
SymbiFlow **RENODE™**

Financial Overview



Transforming Financial Model

Non-GAAP Gross Margin⁽¹⁾⁽²⁾



Continued Revenue and Margin Expansion

- 1 Q3'21 revenue highest in 6 years
- 2 All-time record non-GAAP gross margin of 73%
- 3 Growth in eFPGA, Software, and mature high-margin products
- 4 Large growth in licensing opportunities with eFPGA
- 5 **Open-Source Initiatives** provide new customer base and revenue opportunity with minimal sales and marketing and R&D

Investment Summary

Impact of Collaborations



- New revenue opportunities through **Open-Source Initiatives**
- Significantly expanded SAM and user base thru growing partnerships and distribution channels
- eFPGA initiatives have accelerated after joining the DARPA Toolbox earlier this year and through release of new Australis eFPGA IP Generator

Improving Product Mix



- Increasing software and licensing revenues leading to gross margin into the low 60s
- Improving leverage in the business model due IP and richer product mix
- Expect post-COVID improvement in Mature Product business

Improving Financial Outlook



- Large revenue opportunities across multiple parts of our business
- Strong pipeline of new business should lead to further revenue growth in FY'22
- Expect continued financial improvement with a target of at least breakeven no later than 1H'22⁽¹⁾

Thank You



Appendix



Balance Sheet and Capitalization Summary

(\$ in thousands)

Assets

Current assets:

Cash and cash equivalents	\$ 19,581
Accounts receivable	2,012
Inventories	2,182
Other current assets	1,157
Total current assets	\$ 24,932

Long-term assets	\$ 4,698
Total assets	\$ 29,630

Liabilities

Total current liabilities	\$ 18,864
Notes Payable Non-Current	-
Lease liabilities, non-current portion	993
Other long-term liabilities	167
Total liabilities	\$ 20,024

Stockholders' equity

Common stock	\$ 12
Additional paid-in capital	309,036
Accumulated deficit	(299,442)
Total stockholders' equity	\$ 9,606
Total liabilities and stockholders' equity	\$ 29,630

Common Stock Outstanding

11,790,000

Debt

	Interest Rate	Maturity	Amount
Revolving Credit Line – Heritage Bank	Equal to 0.50% above Prime	Dec. 31, 2023	\$15.0M

Stock-Based Compensation (in thousands of shares)

	Weighted Exercise Price	Amount
Options Outstanding	\$29.04	108
Restricted Stock Units (in thousands of shares)		553

Warrants (in thousands of shares)

	Exercise Price	Maturity	Amount
May 2018 Offering	\$19.32	May 29, 2023	386

Non-GAAP Quarterly Income Statement (Non-GAAP)

(\$ in millions, except per share data)

	Q3'2020	Q4'2020	Q1'2021*	Q2'2021	Q3'2021
New product revenue	\$ 0.6	\$ 0.8	\$ 1.1	\$ 1.3	\$ 2.8
Mature revenue	1.1	1.7	1.2	1.6	1.1
Total revenue	\$ 1.8	\$ 2.5	\$ 2.2	\$ 2.9	\$ 3.9
Gross margin %	54%	52%	53%	51%	73%
Operating expense					
Research and development	\$ 1.3	\$ 1.5	\$ 1.7	\$ 1.6	\$ 1.6
Sales, general and administrative	1.3	1.3	1.8	1.7	1.7
Total operating expense	\$ 2.6	\$ 2.9	\$ 3.5	\$ 3.3	\$ 3.3
Loss from operations	(\$1.7)	(\$1.6)	(\$2.3)	(\$1.8)	(\$0.4)
Net loss	(\$1.7)	(\$1.7)	(\$1.3)	(\$1.9)	(\$0.4)
Basic and diluted net loss per share	(\$0.15)	(\$0.15)	(\$0.12)	(\$0.16)	(\$0.03)

* Numbers may not add up due to rounding

Non-GAAP to GAAP Reconciliation

(\$ in thousands, except per share data)

	Q3'2020	Q4'2020	Q1'2021	Q2'2021	Q3'2021
Non-GAAP operating loss	\$ (1,668)	\$ (1,599)	\$ (2,322)	\$ (1,778)	\$ (376)
Adjustments:					
Stock-based compensation	(258)	(1,138)	(368)	(202)	(885)
FA impairment and/or write-off	(9)	-	-	-	-
Restructuring Costs	(111)	(129)	-	-	-
GAAP operating loss	\$ (2,046)	\$ (2,866)	\$ (2,690)	\$ (1,980)	\$ (1,261)
Non-GAAP net loss	\$ (1,687)	\$ (1,675)	\$ (1,321)	\$ (1,860)	\$ (397)
Adjustments:					
Stock-based compensation	(258)	(1,138)	(368)	(202)	(885)
Restructuring Costs	(111)	(129)	-	-	-
FA impairment and/or write-off	(9)	-	-	-	-
GAAP net loss	\$ (2,065)	\$ (2,942)	\$ (1,689)	\$ (2,062)	\$ (1,282)
Non-GAAP net loss per share	\$ (0.15)	\$ (0.15)	\$ (0.12)	\$ (0.16)	\$ (0.03)
Adjustment for stock-based compensation	(0.03)	(0.11)	(0.03)	(0.02)	(0.08)
Restructuring Expenses	(0.01)	(0.01)	-	-	-
GAAP net loss per share	\$ (0.19)	\$ (0.27)	\$ (0.15)	\$ (0.18)	\$ (0.11)
Non-GAAP gross margin %	53.9%	51.5%	52.7%	51.5%	72.8%
Adjustment for stock-based compensation	(2.0%)	(3.3%)	(1.6%)	(0.6%)	(2.0%)
GAAP gross margin %	51.9%	48.2%	51.1%	50.9%	70.8%