UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

December 2, 2020

Cohu, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)	001-04298 (Commission File Number)	95-1934119 (I.R.S. Employer Identification No.)
12367 Crosthwaite Circle,		92064
Poway, California (Address of principal executive offices)		(Zip Code)
Registrant's telephone number, including area code:		858-848-8100

Not Applicable

Former name or former address, if changed since last report

Securities registered pursuant to Section 12(b) of the Act:

Title of each class Common Stock, \$1.00 par value

Trading Symbol(s) COHU Name of each exchange on which registered The NASDAQ Stock Market LLC

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure

Cohu, Inc. ("Cohu") a global leader in back-end semiconductor equipment and services, is hosting a Virtual Analyst and Investor Conference on Wednesday, December 2, 2020 at 10:00 a.m. Pacific Time/1:00 p.m. Eastern Time.

The investor presentation and Q&A session will be led by Luis A. Müller, Chief Executive Officer and Jeffrey D. Jones, Chief Financial Officer, with additional comments from industry leaders and the Company's management team. The event will last approximately 90 minutes and interested investors can access the event and accompanying presentation on the investor relations section of the Company's website, www.cohu.com.

The information furnished pursuant to this Item 7.01, including Exhibit 99.1 furnished herewith, will not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor will it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

The information furnished pursuant to this Item 7.01, including Exhibit 99.1 furnished herewith, contains "forward-looking statements" within the meaning of the safe harbor provisions of the federal securities laws. They should be read in conjunction with the "Cautionary Statement Regarding Forward-Looking Statements" disclosure contained in the Virtual Analyst and Investor Conference Presentation, the risk factors included in the Company's periodic reports filed with the SEC, and the other public announcements that the Company may make, by press release or otherwise, from time to time.

Item 9.01 Financial Statements and Exhibits.

The exhibit listed below is being furnished with this Current Report on Form 8-K.

(d) Exhibit

Exhibit No.	Description
	<u>December 2, 2020 Cohu Virtual Analyst and Investor Conference Presentation</u> Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

December 2, 2020

Cohu, Inc.

By: /s/ Jeffrey D. Jones Name: Jeffrey D. Jones Title: Chief Financial Officer

Exhibit 99.1

December 2, 2020 1:00 p.m. – 2:30 p.m. EST Presentation and Q&A

Virtual Analyst and Investor Conference





Jeff Jones CFO

Welcome and Agenda



Cautionary Statement Regarding Forward-Looking Statements

Forward-Looking Statements:

Actual results could differ materially from those contained in any forward-looking statement as a result of various factors, including, without limitation: The ongoing global COVID-1g pandemic has adversely affected, and is continuing to adversely affect, our business, financial condition and results of operations, and COVID-19 could re-surge at any time and our business could be abruptly impacted again to an even greater extent; October 2020 COVID-19 related government movement control orders reinstituted in Malaysia and actual adverse impacts that have begun to reoccur among Malaysiabased and/or other suppliers; Recently increasing COVID-19 cases in countries where Cohu's principal facilities are located including the United States, the Philippines, Malaysia, Switzerland and Germany; Other significant risks associated with the Xcerra acquisition, integration and synergies including the failure to achieve the expected benefits of the acquisition, and mandatory ongoing impairment evaluation of goodwill and other intangibles whereby Cohu could be required to write off some or all of this goodwill and other intangibles; Continued availability of capital and financing and additional rating agency downgrade actions, and limited market access given our high debt levels; Our Credit Agreement contains various representations and negative covenants that limit our business flexibility; Changes to or replacement of LIBOR may adversely affect interest rates; Adverse investor reaction to the recently suspended cash dividend; Other risks associated with acquisitions; inventory, goodwill and other asset write-downs; Our ability to convert new products into production on a timely basis and to support product development and meet customer delivery and acceptance requirements for new products, Lost productivity, project delays and internal control risks due to ongoing employee "work from home" programs, Our reliance on third-party contract manufacturers and suppliers; Failure to obtain customer acceptance resulting in the inability to recognize revenue and accounts receivable collection problems; Market demand and adoption of our new products; Customer orders may be canceled or delayed; Design-wins may or may not result in future orders or sales; The concentration of our revenues from a limited number of customers; Intense competition in the semiconductor equipment industry, Our reliance on patents and intellectual property; Compliance with U.S. export regulations; Impacts from the Tax Cuts and Jobs Act of 2027 and ongoing tax examinations; Geopolitical issues, trade wars and Huawei/HiSilicon export restrictions (including new restrictions effective in May and August 2020); Retention of key staff; Other health epidemics or natural disasters, ERP system implementation issues particularly as Cohu recently launched a new ERP system in first quarter 2020 and plans a broader rollout in 2020, The seasonal, volatile and unpredictable nature of capital expenditures by semiconductor manufacturers particularly in light of weakened demand in 2019 followed by the COVID-19 global pandemic in 2020, and Rapid technological change

These and other risks and uncertainties are discussed more fully in Cohu's filings with the SEC, including the most recently filed Form 10-K and Form 10-Q, and the other filings made by Cohu with the SEC from time to time, which are available via the SEC's website at www.sec.gov. Except as required by applicable law, Cohu does not undertake any obligation to revise or update any forward-looking statement, or to make any other forward-looking statements, whether as a result of new information, future events or otherwise.







Luis Müller CEO

Driving Growth and Differentiation





Target Model

Revenue \$940M

Gross Margin

Operating Income 23%

Mid-term (3-5 years) Target Model, Gross Margin and Operating Income are Non-GAAP figures, See Appendix for notes regarding use of forward-looking non-GAAP figures

Cohu Strategy

December 2, 2020

Extend leadership in high-growth RF test with scalable, precision instrumentation

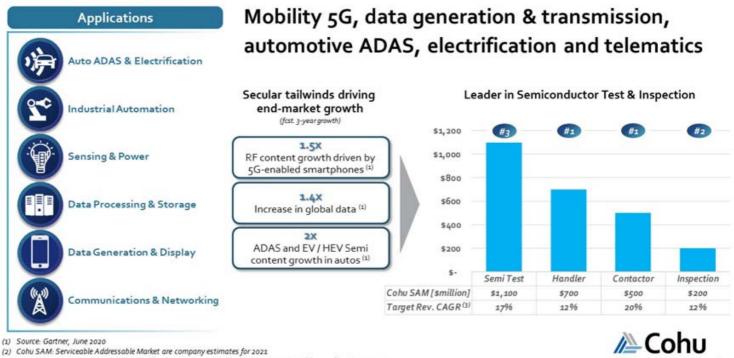
Deliver high yield test and inspection for 5G, ADAS and xEV applications

Increase contactor attachment rate with differentiated test cell solutions

Provide analytics to optimize productivity



Driving Growth in Select End-Markets

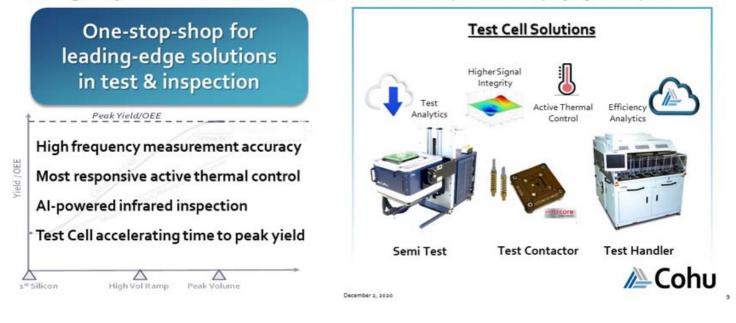


December 2, 2020 (3) 3-year target revenue CAGR per business segment to achieve Cohu mid-term target model

Delivering Customer Value

Accelerating time to yield and greater productivity through the test cell

2% higher yield in the semiconductor test and inspection ~ pays for Capex



Path for Growth and Differentiation⁽¹⁾

Above-Market	Accelerating	Disciplined
Revenue Growth	Profitability	Capital Allocation
~14% revenue CAGR;	Significant operating leverage	Generating \$160M+
2x the market	23% operating income ⁽²⁾	annual free-cash-flow
Share gain with leading edge	Accelerating time to yield	Term loan repayment;
solutions in test & inspection	and greater productivity	targeting \$60M+ annually
Accelerating Tester and	New product developments	Enabling a smarter, safer,
Contactor revenue growth	with 30%+ ROIC	and more connected future

Creating Shareholder Value

ROIC – Return on invested capital (1) All values are based on achieving Target Model (2) Non-GAAP figure; See Appendix for notes regarding use of forward-looking non-GAAP figures December 2, 2020





Michael Campbell Qualcomm

Keynote Speaker



Michael Campbell Senior Vice President Qualcomm Technologies Inc.

Qualcom

Qualcomm overview for COHU

November 2020

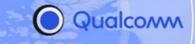
A world where virtually everyone and everything is intelligently connected

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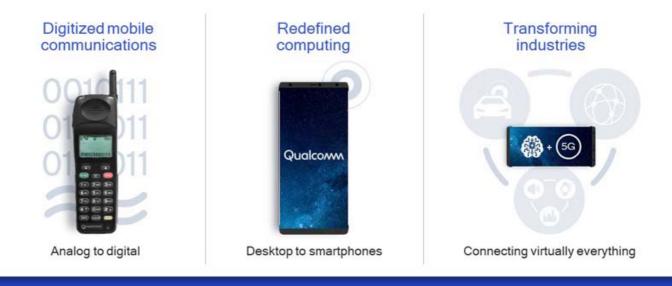
5G

5

The world's leading wireless technology innovator



Leading wireless innovation for 35 years



Transforming how the world connects, computes and communicates



Source: Company data as of Q3 FY20; R&D is cumulative expenditure since 1985

The R&D Engine

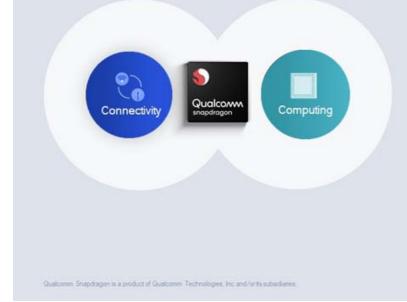
\$64B+

in cumulative R&D

140,000+ Granted patents/pending applications

300+ License agreements

World-class technology portfolio



Wireless connectivity

2G/3G/4G/5G 802.11 n/ac/ax (Wi-Fi 6) 802.11ad (60GHz) Bluetooth 802.15.4 C-V2X GNSS/Location

RF-Front End

Power amps Acoustic filters RF switches LNAs Antenna tuner Envelope tracker Processors

CPU/GPU/DSP/AI processor Memory controller Secure processing

Multimedia

Camera processing Video Voice UI Display processing Computer vision Audio processing AR/VR Sensors

Components

Audio codecs Audio amplifiers Power management Fingerprint

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Key business segments

QCT: semiconductors

- 649M MSM[™] chipsets shipped in FY19
- FY19 revenues: \$14.6B

QTL: technology licensing

- 14B+ devices licensed
- FY19 revenues: \$4.6B

Qualcomm growth vectors

Strategy playing out as planned resulting in substantial growth and opportunity



Transforming how the world connects, computes, and communicates.

With 5G, wireless becomes the superior network technology, disrupting everything



With 5G, wireless becomes the superior network technology, disrupting everything



Based on ITU vision for IMT-2020 compared to IMT-advanced: URLLC: Ultra Reliable Low Latency Communications: IAB: Integrated Access & Backhaul Source: The 5G: Economy, IHS Markit -commissioned by Qualcomm, October 2020



Not just another handset upgrade cycle

10x Decrease in end-to-end latency

100x Higher traffic capacity **10X** Greater experienced throughput

100x Greater network efficiency **3**X More spectrum efficiency

10x Increased connection density

Based on ITU vision for IMT-2020 compared to IMT-edvanced

5G accelerating globally

85+

Operators with 5G commercially deployed

750M+

5G smartphones to ship in 2022

310+

Additional operators investing in 5G

1B+ 5G connections by 2023 – 2 years faster than 4G 2.8B 5G connections by 2025

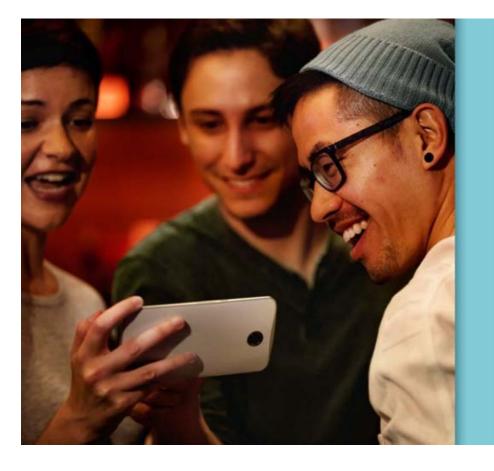
Sources – 5G commercial networks and devices: operator and OEM public announcements. Operators investing in 5G: GSA Sep 2020. 5G device shipment projections: Gualcomm estimates. Nov 2013. 5G connection injections: 2023 – average of GSMA Intelligence (Aug 2020). ABI (Nav2019); 2025 – average of ABI (Oct 2019). Ericsson (Nov 2019).

Fueling digital transformation across industries

5G will enable up to \$13 trillion of global economic output in 2035



When we break through, the ecosystem leaps forward



Multimedia streaming

Paradigm shift in entertainment

Our technologies are foundational to innovative services, such as:

- Netflix
 Spotify
- Prime Video
 Apple Music
- Hulu

This is an age when truly immersive VR on your smartphone is a reality

Immediate, rich social interactions

Wow! It's like I'm right there.



6

Connectivity and intelligence everywhere

1

§ 5G Powering amazing experiences













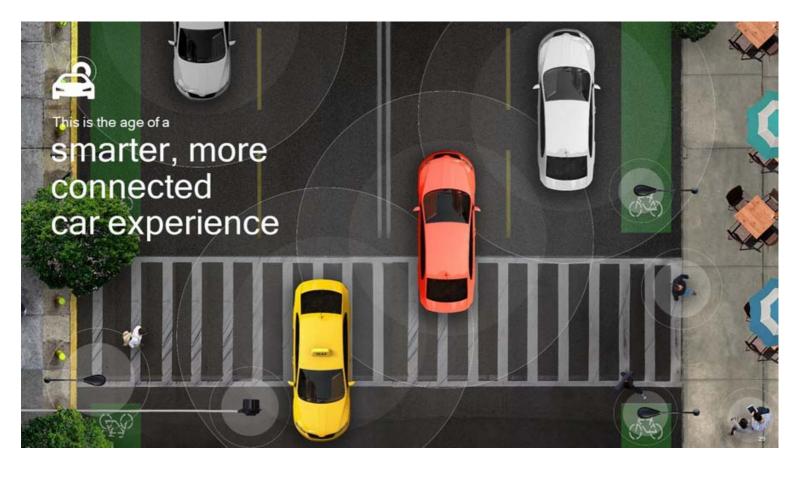
Artificial Stunning intelligence

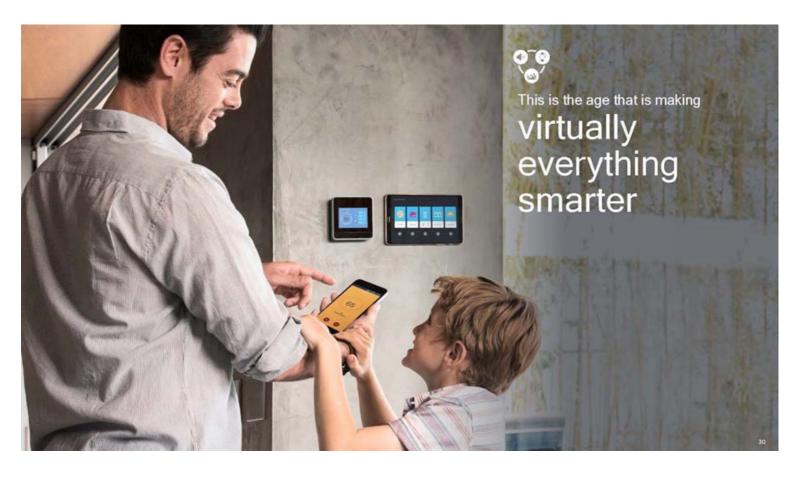
Qualcom snapdragon

Intelligent architectures photos and videos

Immersive entertainment









Thank you

Follow us on: f y in @ For more information, visit us at: www.qualcomm.com & www.qualcomm.com/blog

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 References in this presentation to "Qualcomm" may mean Qualcomm fucorporated. Qualcomm Technologies, Inc., and/or other subsidiaries or business units within the Qualcomm corporate structure, as applicable. Qualcomm and Snapdragon are trademarks of Qualcomm Incorporated includes Qualcomm Incorporated operates, along with its subsidiaries substantially all of Qualcomm 's engineering research and development functions, and substantially all of its product and services businesses including its semiconductor business. QCT



Ian Lawee Semiconductor Test Group

Portfolio of instrumentation and universal platform for testing semiconductor devices with best-in-class solutions in RF, digital and mixed signal applications, enables faster time to yield.

Cohu

Joined in April 2019. More than 25 years experience in both semiconductor and test instrumentation businesses

Analog Devices

2009 – 2019: Isolation, Precision Converter and Energy markets

Teradyne

1994 – 2009: product, marketing and engineering in semiconductor test division

MSc Management and MSc Electrical Engineering: Massachusetts Institute of Technology MSc Electrical Engineering and BSc Computer Science Engineering: University of Pennsylvania



Increasing Test Intensity Driving Growth

Segments	Focused Applications	Inflection Points
5G Cohu SAM \$600M ⁽¹⁾	 Sub-6G and mmWave 5G RF enabling higher data bandwidth, lower latency and new products 	 More frequencies and bandwidths increasing test intensity
Target Rev. CAGR 18% Mobility Cohu SAM	 Wi-Fi 6E and Ultra-Wideband RF growth driven by increasing network connectivity and Internet of Things (IoT) 	 New Wi-Fi spectrum requires new tester capabilities Expanding RF standards enabling new IoT applications
\$400M ⁽¹⁾ Target Rev. CAGR 13%	 Application Processors, Flat Panel Display Drivers, Sensors and Power Management 	 Increasing Structural Test insertions for advanced packages
Automotive & Industrial		/ Cohu

Semi Test Strategy Accelerating Time to Yield

	30%	30%	30%		Value Proposition	
	UPH/s Dagon B/ Wider IF BW More IF paths Dragon	Swept S Faster Demod Dragon AC 2016	sG & Wi-Fi 6 Red Dragon 2020	RedDragon RF Instrument Suite	 Higher frequency and modulation bandwidth covering emerging and legacy RF standards Modular upgrade option for mmWave device Established high volume production platform attractive alternative to home grown rack & standards 	s is ar
-	2013	Maximum Parallel Throughput		Air-Cooled Universal Test Platform	 Scalable from 5-slot, zero footprint test head high test parallelism (100's of devices) Platform breadth covering >35% of SoC avail market is attractive to Semi customers and te subcontractors 	able
	True Zero Footprint	Sont State	e proces	Test Cell Solutions	 Tester-to-Contactor calibration replaces time consuming customer design effort and solves critical time to yield mmWave challenge 	
50	oC – System-on-Chip			December 3, 2020	/ Co	hu

RF Test Solutions



Semi Test

CohuSAM \$1,100M

Target Revenue CAGR **17%**

(1) Company estimates

Cohu Strategy

December 2, 2020

Delivering best-in-class solutions to 5G and IoT applications in expanding \$400M⁽¹⁾ RF test segment

Expanding capabilities of the low-cost universal test platform to address multiple markets

Solving the hardest test cell integration challenges enabling faster time to yield

ACohu 🧋



Ganesh Moorthy Microchip

Keynote Speaker

December 2, 2020







A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



Ganesh Moorthy President & COO December 2, 2020

Corporate Overview

Leading Total Systems Solutions Provider:

- High-performance standard and specialized Microcontrollers, Digital Signal Controllers and Microprocessors
- Mixed-Signal, Analog, Interface and Security solutions
- Clock and Timing solutions
- Wireless and Wired Connectivity solutions
- FPGA solutions
- Non-volatile EEPROM and Flash Memory solutions
- Flash IP solutions



\$5.3 Billion Revenue FY2020



Headquartered near Phoenix in Chandler, AZ

Microchip Proprietary and Confidential



~18,000 Employees



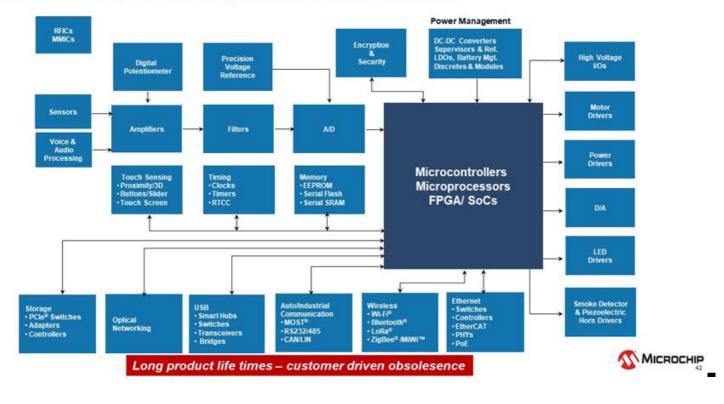
Our Vision

Be The Very Best Embedded Control Solutions Company Ever





Providing Total System Solutions



Annual Net Sales Growth



Worldwide Microcontroller Market Share

No.	1991 Rank	1996 Rank	2003 Rank	2008 Rank	2009 Rank	2014 Rank	2018 Rank	2019 Rank
1	Motorola	Motorola	Renesas	Renesas	Renesas	Renesas	Renesas	Renesas
2	Intel	NEC	Motorola	NEC	NEC	Freescale	NXP	NXP
3	Philips	Philips	NEC	Freescale	Freescale	ST-Micro	Microchip	Microchip
4	Mitsubishi	Hitachi	Matsushita	Infineon	Samsung	Microchip	ST-Micro	ST-Micro
5	NEC	Mitsubishi	Infineon	Samsung	Microchip	NXP	ті	Infineon
6	Hitachi	Toshiba	Fujitsu	Microchip	ті	ті	Infineon	ті
7	Toshiba	Matsushita	Toshiba	ST-Micro	Infineon	Infineon	Cypress	Cypress
8	Siemens	SGS-Thom	Microchip	ті	St-Micro	Atmel	Samsung	Samsung
9	TI	Intel	Samsung	Fujitsu	Fujitsu	Spansion	Toshiba	CEC Huada
10	Matsushita	Microchip	ST-Micro	NXP	NXP	Samsung	CEC Huada	Toshiba
	+							

Analog Market Share

2019 Rank	Company	Company 2018 201		% Change	% Marketshare
1	Texas Instruments	10,801	10,223	-5%	19%
2	Analog Devices	5,505	5,169	-6%	10%
3	Infineon	3,810	3,755	-1%	7%
4	ST	3,373	3,283	-3%	6%
5	Skyworks Solutions	3,686	3,205	-13%	7%
6	NXP	2,645	2,564	-3%	5%
7	Maxim	2,125	1,850	-13%	4%
8	ON Semi	1,990	1,740	-13%	4%
9	Microchip	1,389	1,532	10%	3%
10	Renesas	900	860	-4%	2%

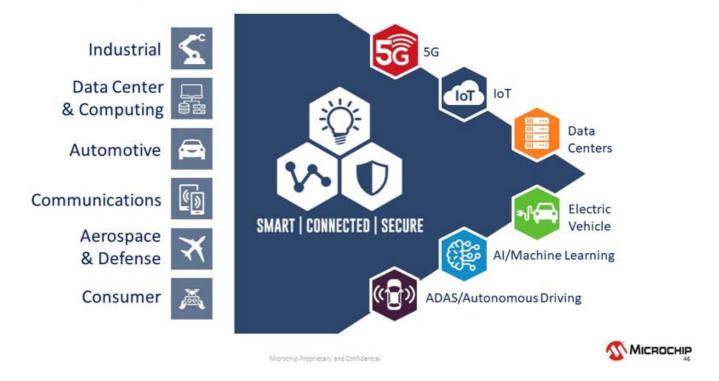
Leading Analog IC Suppliers (\$M)

Source: IC Insights, company reports

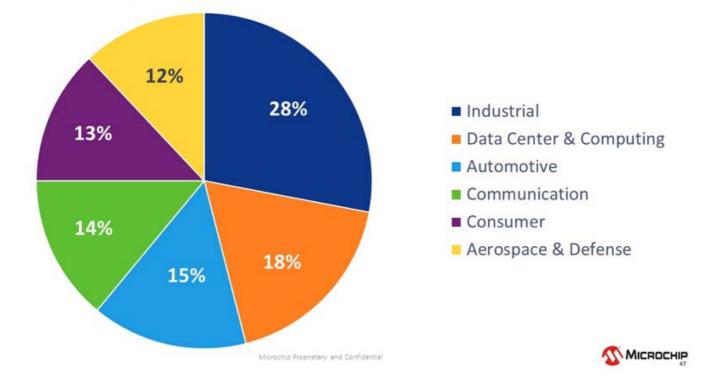
The only Analog company to grow in 2019!



Market Megatrends



Revenue By End Market



Industrial 28% of Sales



Microchip Corporate Presentation Overview Rev 29-1 May 2020



Automotive 15% of Sales



Microchip Corporate Presentation Overview Rev 29-1 May 2020



Manufacturing Locations

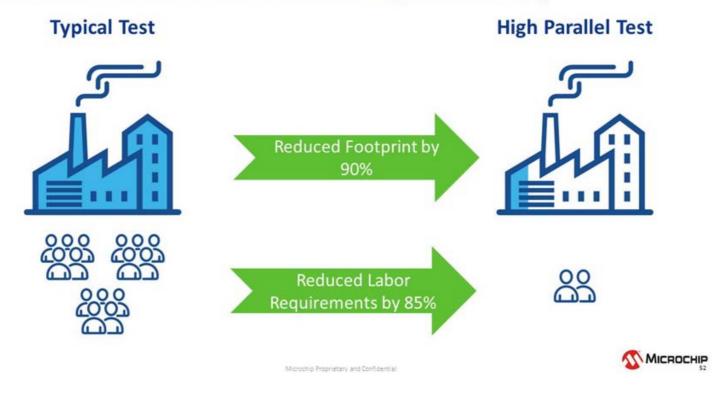


Suppliers Are Our Partners Microchip's Partnership with Cohu

- Partnership developed since 2005
- Cohu listens to us and seeks our input in their equipment roadmaps
- Cohu understands that capital equipment requires a longterm view
- Use of Microchip semiconductor solutions in their products

Microchip Proprietary and Confidential

Cohu Enables Manufacturing Efficiency





Thank You





Chris Bohrson Test and Inspection Handler Group

Portfolio of equipment used to automate movement of semiconductor devices, control temperature during test and provide vision inspection; ensures quality and optimizes yield in volume production.

Cohu

Joined in May 2016. More than 30 years experience in both semiconductor and test instrumentation businesses

Bosch Automotive Services Solutions/SPX

2011 – 2016: general management, automotive diagnostics and information solutions

Teradyne and Spirent Communications

1984 – 2010: general management, engineering, product marketing and sales management roles in semiconductor test, broadband test, network test and automotive diagnostics

MSc Management: Solan School of Management, Massachusetts Institute of Technology BSc Materials Engineering: Brown University

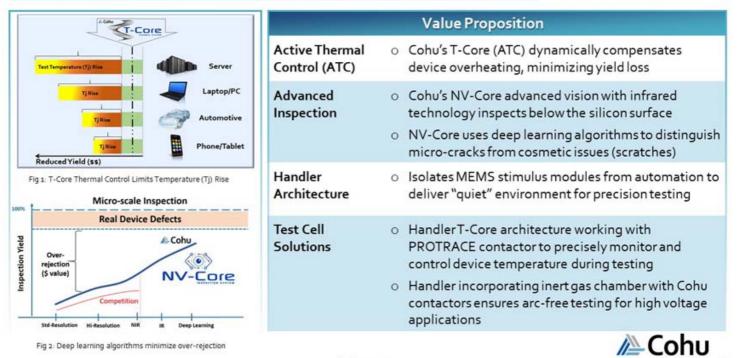


December 2, 2020

Package Evolution Stressing Handling and Inspection

Segments	Focused Applications	Inflection Points				
Cohu SAM \$300M ⁽⁴⁾ Target Rev. CAGR 21%	\$300M(4)collision warning, auto parking, autonomous drivingTarget Rev. CAGR 21%x EVs(1); >50% of unit sales by 2027; 3x growth in \$ content vs. ICE(2)					
Automotive Cohu SAM \$400M ⁽⁴⁾ Target Rev. CAGR 7%	 WLCSP⁽³⁾ driven by complex packages (2.5D – 3D tech.) to support miniaturization applications for mobile devices MEMS for microphone and other applications 	 Identifying micro-scale defects in advanced packages, reducing over-rejection Multi-site precision measurement 				
Mobility & Inspection (1) Electrified vehicles: battery electric, plug-in hybrid, full hybrid and mild is (2) Internal combustion engine (3) Wafer level chip scale package (4) Company estimates	ybrid December 2, 2020	/A Cohu				

Test and Inspection Delivering Higher Yield



December 2, 2020

Handler & Inspection

Cohu SAM \$900M

Target Revenue CAGR **12%**

(1) Company estimates

Cohu Strategy

December 2, 2020

Focused on fast growing Automotive ADAS, xEV and Mobility applications

Deploying AI to accelerate growth in \$200M⁽¹⁾ Inspection market

Improving test cell yield with differentiated thermal and interface technologies





Devin Sheridan Interface Solutions Group

Full suite of test contactors that provide the electrical interface between the tester and the semiconductor device presented by the handler; optimizes signal performance via an array of consumable probe pins.

Cohu

Joined in May 2020. More than 27 years experience in the semiconductor industry

Motorola/Freescale/NXP

1993 – 2020: multiple engineering and operations management roles from production to new product introduction.

- · Process engineering wafer processing and wafer test
- Global wafer test operations
- New product introduction test centers
- Test Innovation

MSc Technology Commercialization: University of Texas

BSc Mechanical Engineering: Marquette University

December 2, 2020



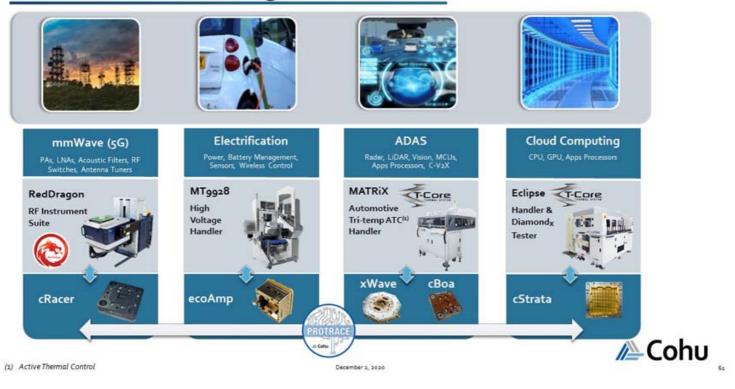
Test Contactor Growth Opportunity

Segments	Focused Applications	Inflection Points
Cohu SAM \$200M ⁽¹⁾ Target Rev. CAGR 26% Mobility & Consumer	 RF Mobility ramping to higher frequencies (18 GHz – 54 GHz) 	 Expanding Wi-Fi spectrum and RF bands Increasing port counts Complex signal management
Cohu SAM \$100M ⁽¹⁾ Target Rev. CAGR 16% Automotive & Industrial	 xEV driving higher power, smaller packages & multisite test ADAS processortest requires tighter temperature control 	 High power (>10 kV, 4 kA) Precision across temperature Higher test parallelism Safety and quality
Cohu SAM \$200M ⁽¹⁾ Target Rev. CAGR 23%	 Cloud, AI, edge processing increasing interface speed, electro-mechanical tolerances 	 Higher data rates (>50 Gbps) and pin counts (>10,000 / device) 2D and 3D package integration
Computing & Network (1) Company estimates	December 2, 2020	🚵 Cohu

Test Contactors Extending Value in Key Segments

Cohu Solutions		Value Proposition
	High Fidelity RF	 Contactor platform with direct signal path for mmWave applications up to 100 GHz Probe technology spanning 5G FR1 and FR2
Peak Yield/OEE	High Performance Digital	 Coaxial solutions provide exceptional signal isolation and impedance control, scalable for large package platforms up to 60 Gbps
Call Section and the Comment	Precision Analog	 Kelvin contact solutions that scale to high power and small footprint to enable high test site density
Hultive Ver 2. Faster calibration 2. Improved accuracy	Intelligent and Embedded	 PROTRACE intelligent contactors closing the loop on thermal control to enable peak yield
3. Closed-loop control 4. Fast learning cycles	Sensors	 5G Interceptor extending test instrumentation to mmWave and calibration to the device under test
a ⁿ Silicon High Vol Ramp Peak Volume		/ Cohu

Cohu Test Cell Solving Time to Yield



Test Contactor

Cohu SAM \$500M

Target Revenue CAGR **20%**

Cohu Strategy

December 2, 2020

Innovating conventional probe technology to address both 5G and data center markets

Leverage Cohu's leadership position in automotive to win applications in ADAS and vehicle electrification

Deploying differentiated test cell solutions that create strong competitive barriers in high growth markets





Jeff Jones CFO

Delivering Profitability and Shareholder Value

December 2, 2020



Q4'20 Update and Q1'21 Outlook

	Q4'20 Guidance ⁽¹⁾	Q4'20 Update
Revenue	\$176 - \$192M	\$195 - \$200M
Gross Margin (2)	44% - 45%	45% - 46%
Operating Expenses (2)	~ \$51M	~ \$53M
Adjusted EBITDA (2)	~ 18% (mid-point of guidance)	~ 20% (mid-point of guidance)

Share gain in RF test and accelerating automotive demand

Est. test cell utilization improved to 84% at the end of October

Forecasting record orders in Q4'20 with automotive demand improving to 2018 levels

Updated Q4'20 revenue guidance mid-point is 31% higher than Q3'20 Q1'21 revenue projected to be ~ 5% higher than updated Q4'20 Reduced term loan B debt by \$20.9 million quarter-to-date in Q4'20

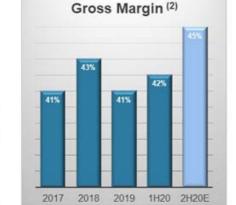
ACohu 🖁

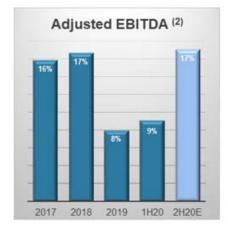
(1) Provided in the October 29, 2020 press release and earnings call

The Q4'zo non-GAAP guidance excludes estimated pre-tax charges related to stock-based compensation of \$0.2M (CoS) and \$3.1M (Opex), and amortization of purchased intangibles of \$9.6M (Opex), and other costs as further described and reconciled, if available, in the Appendix
December 2, 2020

Strategy & Execution Yielding Results







Driving revenue growth through value-added, differentiated technologies and products focused on select end-markets

Strong operating leverage driving increased profitability

(1) Reflects actual YTD 2020 results plus the mid-point of the Company's Q4'20 guidance as updated on December 1, 2020
 (2) Amounts are Non-GAAP. See Appendix for GAAP to Non-GAAP reconciliations, and notes regarding use of forward-looking non-GAAP figures



Target Financial Model

Updated Model delivers \$3.60 Non-GAAP EPS on revenue of \$940M

	2020 Est. ⁽¹⁾	Mid-term Model (3)		Target Qua	rterly Mode	1
Revenue	\$631M	\$940M	\$190M	\$210M	\$235M	\$250M
Gross Margin	44%	48%	46%	47%	48%	49%
Operating Expenses	32%	25%	28%	27%	25%	24%
Adjusted EBITDA	14%	24%	20%	22%	24%	25%
Non-GAAP EPS	\$1.05	\$3.60	\$0.55	\$0.70	\$0.90	\$1.00
Free Cash Flow (2)	7%	> 17%	> 13%	> 15%	> 17%	> 18%

Except for Revenue and Free Cash Flow, "Target Financial Model" assumptions are non-GAAP forward-looking figures; See Appendix for notes regarding use of forward-looking non-GAAP figures

Reflects actual YTD 2020 results plus the mid-point of the Company's Q4'20 guidance as updated on December 1, 2020
 Reflects cash from operating activities minus capital expenditures
 Mid-term is 3 – 5 years

ACohu 🧋

Capital Allocation

[\$Million]	Q3'20
Cash and Investments	\$171
Total Debt	\$346
Net Debt / Adjusted EBITDA(1)	3.2X

Reinvest in the business

Strong organic growth opportunities Targeting R&D at ~ 12% of sales

Repayment of the term loan B

Targeting annual repayments of ~ \$60M

M&A to expand SAM and technology portfolio

Minimum cash for operations ~ \$80M

Production ramps may require additional cash to fund inventory and receivables

Term Loan B ~ \$328M at Q3'20

Balance reduced to ~ \$307M in Q4'20

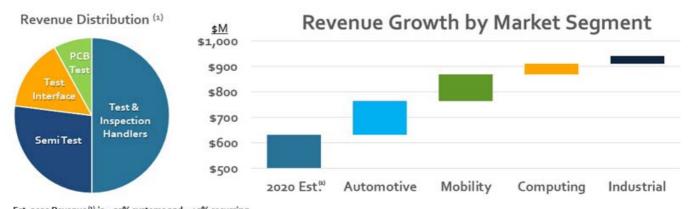
Covenant-lite with no minimum coverage ratios requirement Minimum quarterly payments of \$875K (principal) plus ~ \$3M of interest at current LIBOR + 300 bps

Maturity date is 10/1/2025

 For the last 12 months ending September 26, 2020; Non-GAAP figure - see Appendix for GAAP to Non-GAAP reconciliations December 2, 2020



Path to \$940M Target

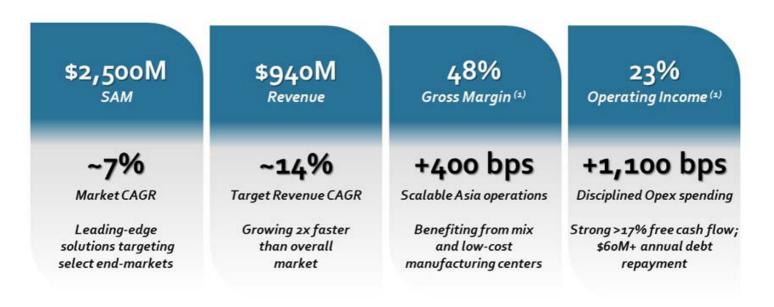


Est. 2020 Revenue (x) is ~ 55% systems and ~ 45% recurring Recurring by Business: Test & Inspection Handlers 49%, Semi Test 11%, Test Interface 100%, PCB Test 34%

Leveraging market position and leading-edge products to drive revenue in high-growth applications including ADAS, xEV, RF test and inspection Unique cross-selling and test cell solutions accelerate time to yield driving revenue growth and creating strong competitive barriers Acohu 🚆

(1) Reflects actual YTD 2020 results plus the mid-point of the Company's Q4'20 guidance as updated on December 1, 2020

Investment Thesis



 Non-GAAP forward looking figures; See Appendix for notes regarding use of forward-looking non-GAAP figures December 2, 2020



Q&A





Driving Growth & Differentiation

Luis Müller, CEO



lan Lawee, GM



Chris Bohrson, GM Test & Inspection Handler Group



Devin Sheridan, GM Interface Solutions Group





Appendix

Use of Non-GAAP Financial Information:

This presentation includes non-GAAP financial measures, including non-GAAP Gross Margin/Profit, Income and Income (adjusted earnings) per share, Operating Income, Operating Expense and Adjusted EBITDA that supplement the Company's Condensed Consolidated Statements of Operations prepared under generally accepted accounting principles (GAAP). These non-GAAP financial measures adjust the Company's actual results prepared under GAAP to exclude charges and the related income tax effect for: share-based compensation, the amortization of purchased intangible assets including favorable/unfavorable lease adjustments, restructuring costs, manufacturing transition and severance costs, asset impairment charges, acquisition-related costs and associated professional fees, reduction of indemnification receivable, depreciation of purchase accounting adjustments to property, plant and equipment, purchase accounting inventory step-up included in cost of sales, and amortization of cloud-based software implementation costs (Adjusted EBITDA <u>only</u>). Reconciliations of GAAP to non-GAAP to non-GAAP operations.

These non-GAAP measures are not meant as a substitute for GAAP, but are included solely for informational and comparative purposes. The Company's management believes that this information can assist investors in evaluating the Company's operational trends, financial performance, and cash generating capacity. Management uses non-GAAP measures for a variety of reasons, including to make operational decisions, to determine executive compensation in part, to forecast future operational results, and for comparison to our annual operating plan. However, the non-GAAP financial measures should not be regarded as a replacement for (or superior to) corresponding, similarly captioned, GAAP measures.

Use of Forward-Looking Non-GAAP Information:

This presentation includes non-GAAP forward looking figures that exclude estimated charges related to stock-based compensation, amortization of purchased intangibles, restructuring costs, acquisition-related costs, manufacturing transition/severance costs, inventory step-up costs, amortization of cloud-based software implementation costs (Adjusted EBITDA <u>only</u>), or other non-operational or unusual items, which we are unable predict without unreasonable efforts due to their inherent uncertainty, therefore, reconciliation of these non-GAAP forward looking figures to GAAP is not provided. Where a non-GAAP figure includes historical data and forward-looking estimates, we have reconciled the historical data, but for the foregoing reasons have not reconciled the forward-looking estimates.

December 2, 2020



GAAP to Non-GAAP Reconciliation

Gross Margin Reconciliation	12 Month Dec 30, 2017	<u>is Ending</u> % of Net Sales	12 Month Dec 29, 2018	s Ending % of Net Sales	12 Month Dec 28, 2019	<u>ns Ending</u> % of Net Sales	<u>6 Month</u> Jun 27, 2020	s Ending % of Net Sales	<u>3 Month</u> Sep 26, 2020	<u>s Ending</u> % of Net Sales	<u>9 Month</u> Sep 26, 2020	s Ending % of Net Sales
Net Sales	\$ 352,704	0.1020	\$ 451,768		\$ 583,329		\$ 283,005	100.000 BA	\$ 150,647		\$ 433,652	
Gross Profit - GAAP	143,407	40.7%	159,308	35.3%	229,829	39.4%	117,041	41.4%	63,500	42.2%	180,541	41.6%
Share Based Compensation	423	0.1%	546	0.1%	736	0.1%	423	0.1%	218	0.1%	641	0.1%
Manufacturing transition and severance costs	0	0.0%	416	0.1%	1,211	0.2%	0	0.0%	0	0.0%	0	0.0%
Restructuring costs related to inventory in COS	0	0.0%	19,053	4.2%	2,729	0.5%	1,675	0.6%	2,606	1.7%	4,281	1.0%
Inventory Step-Up	1,404	0.4%	14,782	3.3%	6,038	1.0%	0	0.0%	0	0.0%	0	0.0%
Gross Profit - Non-GAAP	\$145,234	41.2%	\$194,105	43.0%	\$240,543	41.2%	\$119,139	42.1%	\$66,324	44.0%	\$185,463	42.8%

	12 Month	s Ending	12 Month	s Ending	12 Month	Ending	6 Months	Ending	3 Months	Ending	9 Months	Ending	12 Month	is Ending
Adjusted CRITDA Recordiliation	Dec 30,	% of Net	Dec 29,	% of Net	Dec 28,	% of Net	Jun 27,	% of Net	Sep 26,	% of Net	Sep 26,	% of Net	Sep 26,	% of Net
Adjusted EBITDA Reconciliation	2017	Sales	2018	Sales	2019	Sales	2020	Sales	2020	Sales	2020	Sales	2020	Sales
Net loss attributable to Cohu - GAAP Basis	\$ 32,843	9.3%	5 (32,181)	-7.1%	\$ (69,700)	-11.9%	\$ (22,016)	-7.8%	5 (6,646)	-4.4%	\$ (28,662)	-6.6%	\$ (45,928)	-8.0%
Income from discontinued operations	278	0.1%	(119)	0.0%	\$ 697	0.1%	(42)	0.0%	0	0.0%	(42)	0.0%	997	0.2%
Income tax provision	2,244	0.6%	631	0.1%	5 (3,082)	-0.5%	(855)	-0.3%	1,116	0.7%	261	0.1%	(2,982)	-0.5%
Interest expense	54	0.0%	4,977	1.1%	\$ 20,556	3.5%	7,883	2.8%	3,021	2.0%	10,904	2.5%	15,671	2.7%
Interest income	(671)	-0.2%	(1,187)	-0.3%	\$ (764)	-0.1%	(168)	-0.1%	(42)	0.0%	(210)	0.0%	(371)	-0.1%
Amortization of purchased intangible assets	4,208	1.2%	17,197	3.8%	\$ 39,590	6.8%	19,065	6.7%	9,783	6.5%	28,848	6.7%	38,463	6.7%
Depreciation	4,978	1,4%	8,850	2.0%	\$ 19,246	3.3%	6,973	2.5%	3,462	2.3%	10,435	2.4%	14,328	2.5%
Amortization of cloud-based software implementation costs	0	0.0%	0	0.0%	0	0.0%	513	0.2%	318	0.2%	831	0.2%	831	0.1%
Other Non-GAAP Adjustments	11,878	3.4%	76,171	16.9%	39,534	6.8%	13,738	4.9%	9,328	6.2%	23,066	5.3%	32,872	5.7%
Adjusted EBITDA	\$ 55,812	15.8%	\$ 74,339	16.5%	\$ 46,077	7.9%	\$25,091	8.9%	\$20,340	13.5%	\$ 45,430	10.5%	\$ \$3,880	9.4%





GAAP to Non-GAAP Reconciliation

Earnings Reconciliation	9 Months Ending	
	Sep 26,	Diluted
	2020	EPS
Loss From Continuing Operations - GAAP	\$ (28,704)	\$ (0.68
Share based compensation	10,313	
Amortization of purchased intangible assets	28,848	0.68
Manufacturing transition and severance costs	318	0.01
Restructuring costs related to inventory in COS	4,281	0.10
Restructuring costs	1,400	0.03
PP&E step-up included in COS and SG&A	729	0.02
Impairment charge	11,249	0.26
Gain on sale of facility	(4,495)	(0.11
Tax effect of Non-GAAP adjustments	(5,051)	(0.12
Income (Loss) From Continuing Operations - Non-GAAP	\$ 18,888	\$ 0.44
Weighted Average Shares - GAAP	Basic	41,764
Weighted Average Shares - Non-GAAP	Diluted	42,457
	9 Months Ending	
Operating Expense Reconciliation	Sep 26,	% of Net
operating expense Reconcination	2020	Sales
Operating Expense - GAAP	\$ 196,055	45.29
Share based compensation	(9,672)	-2.29
Amortization of purchased intangible assets	(28,848)	-6.79
Manufacturing transition and severance costs	(318)	-0.19
Restructuring costs	(1,400)	-0.39
PP&E step-up included in SG&A	(729)	-0.29
Impairment charge	(11,249)	-2.69
Gain on sale of facility	4,495	1.09
	\$ 148,334	32.19

December 2, 2020

