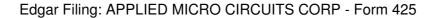
APPLIED MICRO CIRCUITS CORP Form 425 November 21, 2016

MACOM Announces Definitive Agreement to Acquire AppliedMicro November 21, 2016 Filed by MACOM Technology Solutions Holdings, Inc. pursuant to Rule 425 under the Securities Act of 1933

and deemed filed pursuant to Rule 14d-2 under the Securities Exchange Act of 1934 Subject Company: AppliedMicro

Circuits Corporation

Commission File No: 000-23193



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Forward-Looking Statement Safe Harbor and Use of Non-GAAP Financial Measures

This presentation contains forward-looking statements based on management s beliefs and assumptions and on information currently available to our management. Forward-looking statements include, among others, statements concerning the AppliedMicro

transaction, including those regarding the potential date of closing of the transaction, the price of the transaction, the consideration used in the transaction, the likelihood that the transaction is consummated on a timely basis or at all, including whether the conditions required to complete the transaction will be met, and any potential benefits and synergies, strategic plans, divestitures, restructuring, cost savings, accretion, revenue, margins, market share capture, competitive position, and financial and business expectations associated with the acquisition, as well as any other statements regarding our plans, beliefs or expectations regarding the transaction or its future business or financial results. Forward-looking statements include all statements that are not historical facts and generally may be

identified by terms such as "anticipates," "believes," "could," "estimates," "expects," "intends," "may," "plans," "potential, "predicts," "projects," "seeks," "should," "will," "would" or similar expressions and the negatives of those terms.

Our forward-looking statements are subject to assumptions, risks and uncertainties, and are not guarantees of future results. Actual results may differ materially from the outcomes stated or implied by our forward-looking statements based on any assumptions and risk factors we may mention today or otherwise, including the factors set forth in the press release we issued today related to the AppliedMicro

acquisition, in the case of MACOM, our Annual Report on

Form 10-K filed with the SEC on November 17, 2016, and in the case of AppliedMicro, its Quarterly Report on Form 10-Q filed with the SEC on November 2, 2016, along with any other information we or AppliedMicro file with the SEC,

which are publicly-available on the SEC's EDGAR database located at www.sec.gov. All projections in this presentation are made as of November 21, 2016 only, and neither MACOM nor AppliedMicro undertakes any obligation to update

any statements made herein at a later date.

We make references in this presentation to certain financial information calculated on a basis other than in accordance with accounting principles generally accepted in the United States (GAAP) including non-GAAP revenue, non-GAAP gross margin, non-GAAP operating margin and non-GAAP EPS. These non-GAAP measures are provided to enhance the user s overall understanding of the potential impact of the AppliedMicro

transaction. We are unable to provide a

quantitative reconciliation of these non-GAAP measures to the most directly comparable GAAP measure because we cannot reliably forecast transaction, integration and other costs related to the AppliedMicro transaction, which are

difficult to predict and estimate.

Our fiscal year end is the Friday closest to September 30th. Fiscal year 2017 will be a 52-week year and the first quarter of fiscal year 2017 will have 13 weeks.

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Offer Information

The exchange offer for the outstanding shares of common stock of AppliedMicro described in this communication has

not yet commenced. This presentation is for informational purposes only and is neither an offer to purchase nor a solicitation of an offer to sell shares, nor is it a substitute for any materials that MACOM and its offering subsidiary,

Montana Merger Sub I, Inc. (Offeror), will file with the SEC.

Offeror plans to file a tender offer statement on Schedule TO, together with other related exchange offer documents, including a letter of transmittal, in connection with the offer; AppliedMicro

plans to file a Recommendation Statement on

Schedule 14D-9 in connection with the offer; and MACOM plans to file a registration statement on Form S-4 that will serve as a prospectus for MACOM shares to be issued as consideration in the offer and merger. These documents will contain important information about MACOM, AppliedMicro

and the transactions. AppliedMicro

stockholders are urged

to read these documents carefully and in their entirety when they become available before making any decision regarding exchanging their shares. These documents will be made available to AppliedMicro stockholders at no

expense to them and will also be available for free at the SEC's website at www.sec.gov. Additional copies may be obtained for free by contacting MACOM s investor relations department at 949-224-3874 or AppliedMicro s investor

relations department at 415-217-4962

In addition to the SEC filings made in connection with the transaction, each of MACOM and AppliedMicro files annual,

quarterly and current reports and other information with the SEC. You may read and copy any reports or other such filed information at the SEC public reference room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. MACOM s and AppliedMicro s filings with the

SEC are also available to the public from commercial document-retrieval services and at the website maintained by the SEC at http://www.sec.gov.

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Strategically and financially compelling transaction
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Retaining highly complementary Connectivity business
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Accelerates and expands breakout growth with Cloud Service Providers and Enterprise Network customers

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Plan to divest well-positioned but non-strategic Compute business MACOM to Acquire AppliedMicro

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Transaction Summary:
MACOM to Acquire AppliedMicro
MACOM to acquire AppliedMicro
(NASDAQ: AMCC)

Highly complementary Connectivity business servicing high growth Data Center market

Plan to divest non-strategic Compute business (known interested buyers)

Cash/stock offer of \$8.36 per share of AppliedMicro

common stock, a 15.4% premium to

Friday s closing AppliedMicro

share price

\$3.25 in cash and 0.1089 MACOM shares per share of AppliedMicro

~\$770mm total consideration, or ~\$688mm net of AppliedMicro s

\$82mm of net cash

Combination of ~\$290mm of cash and ~10mm new shares

AMCC shareholders will own ~15% of MACOM pro forma for the transaction

Targeted close in first calendar quarter of 2017

Expected to enhance MACOM s revenue growth as well as non-GAAP gross margin and

operating margin

Expected to be accretive to non-GAAP EPS (fully diluted) in FY2017

AppliedMicro

NOLs can be utilized subject to Section 382 limitations

Transaction

Financing

Financial Impact

(1)

Timing

Assumes transaction closes in first calendar quarter of 2017. Financials exclude Compute business and assumes targeted syner Price /

Consideration

Company Confidential 6 MACOM and AppliedMicro Overview

LTM revenue: \$544 million

LTM non-GAAP gross margin: 58% Connectivity LTM revenue: \$99 million

(\$165

million of LTM revenue including Compute business to

be divested)

Connectivity LTM non-GAAP gross margin

well in

excess of MACOM s long term target operating model

Leadership in high performance analog and photonic

semiconductor components

Leadership in high-performance

mixed-signal

semiconductor components.

2.5G to

400G lasers, drivers, TIA, CDR, silicon

photonics and optical sub assemblies

100G to 400G PHYs

including MACSec

and single lambda

PAM-4

Sticky, value-added technologies including lasers,

amplifiers and silicon photonics, industry-leading

engineering competencies and long product lifecycles

Sticky, value-added technologies including SerDes, high

speed A/D and D/A, industry-leading engineering

competencies and long product lifecycles

R&D focused on high growth, high margin products using

compound semiconductor technologies

R&D focused on high growth, high margin products using

deep submicron SoC

technologies

Deep relationships with blue chip Telecommunications

and Aerospace/Defense customers

Deep relationships with blue chip Cloud Service Providers

and Enterprise Networking customers

NASDAQ: MTSI

NASDAQ: AMCC

Note: LTM Non-GAAP financials as of 9/30/16

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Accelerates Breakout Growth in
Data Centers
Service Provider Networks
Metro/Long Haul
OTN

Secure Ethernet
Cisco ASR9k
Cisco NCS6k
Routers
Juniper MX3D
Coherent
Driver
TIA
Transport, DCI
Cisco ONS 15454
Nokia 1830
Infinera Cloud Xpress
Cloud Service Provider
Enterprise
Data Centers
Optical Modules
Arista 7500
Cisco Nexus 7K, ASR
SFP
QSFP
DC Switches & Routers
Facebook OCP
CFP Modules
PAM4
PHY
MACsec
Secure Ethernet
CDR, TIA, Laser Driver, Laser,
Silicon Photonics, OSA
OSA

Note: CSP: Cloud Service Providers

Framer, Mapper

MACsec

Networking equipment models shown are for illustrative purposes, however we do have design wins in some of these

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APM Connectivity Increases MACOM s Addressable
Market by Approximately \$500million in 2019
Optical
Non-Optical
Addition of PHY enhances share capture across all content in Data Centers

MACOM AppliedMicro

Carran HIC. Wala

Source: IHS; Yole, AppliedMicro

and

MACOM

estimates

PAM4 PHY

\$150mm

15%

Analog

\$250mm

25%

Photonics

\$250mm

25%

OTN / MACsec

\$350mm

35%

Expected 2019 Available Market: \$1B

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Completes Protocol Agnostic
Switch to Fiber Data Center Portfolio
CDR
TIA
Laser

· ·
Driver
Laser
Silicon
Photonics
OSA
25G, 100G
NRZ
Single Lambda
100G, 400G PAM4
SerDes
PAM4
DSP
A/D
D/A
TIA
Laser
Driver
Laser
Silicon
Photonics
OSA
Switch
Fiber
Cable
100G PAM4 Module
400G PAM4 CWDM Module
IEEE
standards
body
recommended
the
adoption
of single
lambda
PAM4
to
be
an
industry
standard
enabling
100G and 400G transceivers

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Highly Complementary Market and
Product Position
Immediately establishes incumbent position supplying strategic components to first tier
Cloud Service Providers and Enterprise Networking customers
Consistent

with MACOM s differentiated, high growth business model high margins, long product lifecycles and sticky customer relationships Complements MACOM s analog and photonic business by adding mixed-signal **PHYs** Expands addressable market with high-growth, high-margin networking products and technologies Expected to be accretive to non-GAAP revenue growth, non-GAAP gross margin, non-**GAAP** operating margin and non-GAAP **EPS** in FY17 (1) + 1.

Q2 FY17 non-GAAP financials exclude Compute business and assumes targeted synergies achieved

Company Confidential 11 AppliedMicro Business Overview

Note: Figures based on Non-GAAP financials for quarter ending 9/30/16

^{1.} Quarter ending 9/30/16 annualized

Connectivity Strong Growth and High Margins 72% of Revenue 49% of Opex \$40mm **Profitability** (1) Market-leading product portfolio OTN framers, mappers, PHYs 100G MACsec PHY for secure Ethernet communication PAM4 single lambda 100, 200 and 400G PHYs for datacenter Adds key building blocks and core IP Complementary to MACOM s existing IP SerDes and high speed A/D, D/A 294 patents issued and 60 pending **Embedded Processing** Solid Cash Flow Business Compute Active Sale Process to Divest 27% of Revenue 0% Opex \$22mm Profitability (1) 1% of Revenue 51% of Opex \$55mm Loss (1) Transitioning from Power PC to ARM Technology leadership Strong design wins Minimal operating expenses Data Center server processors Three generations of proven technology leadership X-Gene 3 taped out in October

Solid roadmap and customer engagements

Power PC

After the sale of the Compute business, the multiple paid for AMCC Connectivity is expected to be consistent with MTSI s current multiple

Customer

ΙP

ADC

PLL

Expected to be accretive in FY 2017

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Combination Strengthens Relationships
with Market Leaders and Expands Customer Base
ASR9K
NCS6K
15464

Cat6k 7500

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Key Takeaways
Expands addressable market
with high-growth, high-margin
portfolio
Aligns with core growth strategy

in networking and optical markets Enhances MACOM s analog business model high margins, long lifecycles and sticky customer relationships Expected to be immediately accretive to non-GAAP revenue growth, non-GAAP gross margin, non-GAAP operating margin and non-GAAP EPS (1)

1.

Assumes transaction closes in first calendar quarter of 2017. Non-GAAP financials exclude Compute business and assumes tar

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Boston

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Wednesday, November 30

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Time: 11:30 am

1:00 pm > **Boston** Harbor Hotel 70 Rowes Wharf New York City Thursday, December 1 Time: 11:30 am 1:00 pm Millennium Broadway Hotel 145 W 44th Street San Francisco Friday, December 2 Time: 11:30 am 1:00 pm InterContinental Hotel 888 Howard Street Upcoming Roadshow Please RSVP ir@macom.com Please RSVP ir@macom.com John Croteau President, CEO MACOM Bob McMullan SVP & CFO MACOM Preet Virk SVP & GM, Networks **MACOM** Paramesh Gopi President, CEO AppliedMicro Vivek Rajgarhia VP & GM, Lightwave

MACOM

Thank You