



Partners from RF to Light

April 24, 2017

MACOM's 2nd Generation 12G-SDI Equalizer is Chosen by Cobalt Digital as Solution for the New UHD Multiviewer

- MACOM's 2nd Gen MAEQ-23664 supports longest cable reach in the industry
- Cobalt Digital's 4K UHD Hybrid Multiviewer features 12G-SDI and HDMI 2.0 inputs and outputs
- Collaboration provides customers with a cost-effective solution for transition to 4K

LOWELL, Mass.--(BUSINESS WIRE)-- [MACOM Technology Solutions Inc.](#) ("MACOM"), today announced that [Cobalt Digital, Inc.](#) ("Cobalt Digital") has selected MACOM's [MAEQ-23664](#) 2nd Generation 12G-SDI Equalizer for Cobalt Digital's new 9971-MV 4K UHD Hybrid HDMI 2.0 and 12G-SDI Multiviewer. The new multiviewer with its 4K UHD input and output support is designed to handle the latest generation of SDI standards and will be a strong addition to Cobalt Digital's line of award winning multiviewers.

MACOM's MAEQ-23664 is a 12G-SDI cable equalizer with an integrated reclocker in a 4x4mm 16 pin Land Grid Array (LGA) package. This second generation device, first demonstrated at NAB 2016, supports the longest cable reach in the industry, achieving 100 meters over standard Belden 1694A cable.

"We are pleased to collaborate with MACOM for our next generation multiviewer platform," said Ryan Wallenberg, Vice President of Engineering, Cobalt Digital. "The enhanced performance of their equalizer enables use of our UHD multiviewer in production environments using existing cable infrastructure, which provides broadcasters an ideal solution for the migration to 4K."

"With the longer reaches achieved by our new 12G-SDI equalizer, customers can leverage their existing cable infrastructure," said Gary Shah, Vice President and Business Line Manager, High-Performance Analog, at MACOM. "Working in collaboration, companies like Cobalt Digital and MACOM have made the transition of broadcast to 4K using 12G-SDI a reality."

MACOM will showcase a complete portfolio of cable equalizers, cable drivers, reclockers and crosspoint switches supporting 12G-SDI at NAB, Booth #N2924, April 24th-27th in Las Vegas, NV. To make an appointment, contact your local sales representative. For more information on MACOM's extensive broadcast video portfolio visit: www.macom.com.

Cobalt Digital will showcase its latest generation signal processing, routing, and IP transport products at NAB, Booth #N3308, April 24th-27th in Las Vegas, NV. To make an appointment, contact your local sales manager. For more information on Cobalt Digital products visit: www.cobaltdigital.com.

ABOUT MACOM:

MACOM is a new breed of analog semiconductor company — one that delivers a unique combination of high growth, diversification and high profitability. We are enabling a better-connected and safer world by delivering breakthrough semiconductor technologies for optical, wireless and satellite networks that satisfy society's insatiable demand for information.

Today, MACOM powers the infrastructure that millions of lives and livelihoods depend on every minute to communicate, transact business, travel, stay informed and be entertained. Our technology increases the speed and coverage of the mobile Internet and enables fiber optic networks to carry previously unimaginable volumes of traffic to businesses, homes and Data Centers.

Keeping us all safe, MACOM technology enables next-generation radars for air traffic control and weather forecasting, as well as mission success on the modern networked battlefield.

MACOM is the partner of choice to the world's leading communications infrastructure and aerospace and defense

companies, helping solve their most complex challenges in areas including network capacity, signal coverage, energy efficiency, and field reliability, through its best-in-class team and broad portfolio of RF, microwave, millimeterwave and lightwave semiconductor products.

MACOM is a pillar of the semiconductor industry, thriving for more than 60 years of daring to change the world for the better through bold technological strokes that deliver true competitive advantage to customers and superior value to investors.

Headquartered in Lowell, Massachusetts, MACOM is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. MACOM has design centers and sales offices throughout North America, Europe, Asia and Australia.

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For more information about MACOM, please visit www.macom.com follow @MACOMtweets on Twitter, join MACOM on LinkedIn, or visit the MACOM YouTube Channel.

About Cobalt Digital:

Cobalt Digital Inc. designs and manufactures award-winning 12G/3G/HD/SD and IP-based conversion, terminal, throwdown, and multiviewer technology for the broadcast television environment. As a founding partner in the openGear® initiative, Cobalt offers a full range of openGear video and audio processing card solutions for applications such as closed-caption compliance monitoring, OB production, master control, HD news production, signal transport, audio loudness, and color correction. Cobalt's Blue Box Group™ line of interface converter boxes streamlines and simplifies a wide range of 12G/3G/HD/SD and IP-based conversion and signal transport tasks. The company's multi-image display processors enable multiviewer capabilities in the most demanding studio and remote broadcasting environments. Distributed through a worldwide network of dealers, system integrators, and other partners, Cobalt Digital products are backed with a five-year warranty. More information is available at www.cobaltdigital.com.

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Any express or implied statements in MACOM product announcements are not meant as warranties or warrantable specifications of any kind. The only warranty MACOM may offer with respect to any product sale is one contained in a written purchase agreement between MACOM and the purchaser concerning such sale and signed by a duly authorized MACOM employee, or, to the extent MACOM's purchase order acknowledgment so indicates, the limited warranty contained in MACOM's standard Terms and Conditions for Quotation or Sale, a copy of which may be found at: www.macom.com/support.

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