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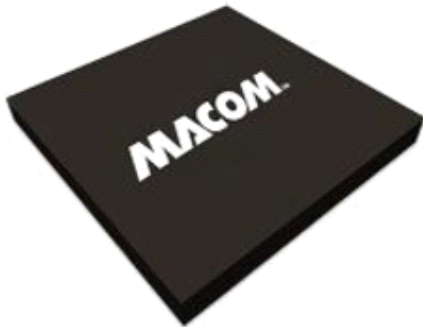
April 10, 2018

MACOM Introduces New Transimpedance Amplifier Supporting 12G-SDI Over Optical Fiber for Broadcast Video Applications

- | MACOM's MATA-07825 is a low power, high-sensitivity TIA
- | New TIA enables 12G-SDI with support for pathological patterns
- | MACOM's TIA solutions to be showcased at NAB 2018, Booth #N3908

LOWELL, Mass.--(BUSINESS WIRE)-- [MACOM Technology Solutions Inc.](http://www.macom.com) ("MACOM"), a leading supplier of semiconductor solutions for broadcast video infrastructure, today announced the introduction of the [MATA-07825](#), a new Transimpedance Amplifier (TIA) for supporting 12G-SDI transmission over optical fiber. This low power, high sensitivity TIA enables long distance transmission of Serial Digital Interface (SDI) video over optical fiber, including support for pathological patterns.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20180410005127/en/>



MACOM's new MATA-07825 is a high sensitivity TIA enabling SFP+ module vendors to provide 12G-SDI modules which can also support Pathological patterns down to SD rates. This TIA features sensitivity of 11.88Gbps to enable link budgets of more than 10km using a PIN photodiode on singlemode fiber, and can support longer distances with an Avalanche Photo-Diode (APD). The MATA-07825 includes a receive signal strength indicator (RSSI) which can be used with a PIN photodiode. (Photo: Business Wire)

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"There are a number of applications which rely on SDI over optical fiber for extended reaches," said Mike Fukatsu, Senior Director, Marketing, for the High-Performance Analog business unit, at MACOM. "MACOM's new TIA is the first to enable 12G-SDI over optical fiber including pathological support all the way down to Standard Definition rates, which is aimed at ensuring compatibility with legacy SDI video streams."

MACOM's MATA-07825 TIA will be showcased at NAB 2018, Booth #N3908, April 9th-12th at the Las Vegas Convention Center in Las Vegas, NV. To make an appointment, contact your local sales representative. For more information on MACOM's broadcast video portfolio, please visit: www.macom.com.

ABOUT MACOM:

MACOM enables 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 datacenters.

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, 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 analog RF, microwave, millimeterwave and photonic 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.

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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