



News Release | www.linear.com

Linear Technology Announces QML Class V Standard Microcircuit Drawings for Popular Radiation Hardened Components

MILPITAS, CA – October 26, 2016 – Linear Technology Corporation today announced Qualified Manufacturer List (QML) Class V Standard Microcircuit Drawings (SMD) for some of the most widely used Radiation Hardened (RH) components. Part types now available to QML Class V are RH1013 and RH1014 op amps; RH1498 and RH1499 precision rail-to-rail op amps; and RH1009 and RH1021-10 voltage references.

QML Class V components are intended for use in the most demanding space flight applications and must meet the performance, quality and reliability requirements defined in MIL-PRF-38535. By choosing QML Class V components, users are guaranteed that the component manufacturers' test methods and quality procedures meet the exacting standards of the U.S. Government Qualifying Activity program.

Consequently, the use of QML Class V components is preferred by spacecraft prime contractors. This can lower program costs by simplifying the procurement process, reducing component documentation, and may no longer require performance of destructive physical analysis using flight grade components. Compliance to Radiation Hardness Assurance (RHA) ensures that Linear Technology has performed Radiation Lot Acceptance Tests on each manufacturing lot, so manufacturers no longer need to commission their own Total Ionizing Dose testing, providing further cost and time savings.


Additional Linear Technology RH products are planned for release to QML Class V. For more information, pricing and availability for Linear's complete line of SMD, Rad Hard, Space and Military components, please contact your local sales office or ltcsp@linear.com.

SMD Products Now Available:

AMPLIFIERS		
SMD NUMBER	LTC PART NUMBER	DESCRIPTION
5962R1325001V9A	RH1498DICE	Dual, 10MHz GBW, 6V/ μ s Rail-to-Rail, Precision C-Load™ Op Amp
5962R1325001VHA	RH1498MW	Dual, 10MHz GBW, 6V/ μ s Rail-to-Rail, Precision C-Load Op Amp
5962R1325101VDA	RH1499MW	Quad, 10MHz GBW, 6V/ μ s Rail-to-Rail, Precision C-Load Op Amp
5962R8876003V9A	RH1013DICE	Dual, 500kHz GBW, Precision, 300 μ V Offset Op Amp
5962R8876003VHA	RH1013MW	Dual, 500kHz GBW, Precision, 300 μ V Offset Op Amp
5962R8967703VDA	RH1014MW	Quad, 500kHz GBW, Precision, 300 μ V Offset Op Amp
VOLTAGE REFERENCES		
SMD NUMBER	LTC PART NUMBER	DESCRIPTION
5962R8860001VGA	RH1021BMH-10	Precision 10V Reference
5962R8860002V9A	RH1021C-10DICE	Precision 10V Reference
5962R8860002VGA	RH1021CMH-10	Precision 10V Reference
5962R8860002VHA	RH1021CMW-10	Precision 10V Reference
5962R8961002V9A	RH1009MDICE	Precision 2.5V Reference
5962R8961002VHA	RH1009MW	Precision 2.5V Reference
5962R8961002VXC	RH1009MH	Precision 2.5V Reference

About Linear Technology

Linear Technology Corporation, a member of the S&P 500, has been designing, manufacturing and marketing a broad line of high performance analog integrated circuits for major companies worldwide for over three decades. The Company's products provide an essential bridge between our analog world and the digital electronics in communications, networking, industrial, automotive, computer, medical, instrumentation, consumer, and military and aerospace systems. Linear Technology produces power management, data conversion, signal conditioning, RF and interface ICs, μ Module® subsystems, and wireless sensor network products. For more information, visit www.linear.com

 , LT, LTC, LTM, Linear Technology, the Linear logo, and μ Module are registered trademarks and C-Load is a trademark of Linear Technology Corp. All other trademarks are the property of their respective owners.

Press Contacts:

North America / Worldwide

John Hamburger, Director Marketing
Communications
jhamburger@linear.com
Tel: 408-432-1900 ext 2419

Doug Dickinson, Media Relations Manager
ddickinson@linear.com
Tel: 408-432-1900 ext 2233

UK & Nordic

Alan Timmins
a.timmins@ntlworld.com
Tel: +44-1-252-629937