

# 2017



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[www.msa-components.com](http://www.msa-components.com)



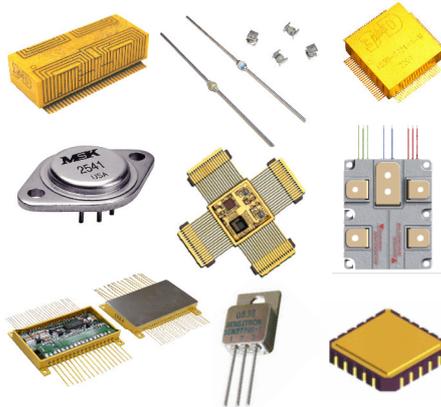
# SPACE (Rad Hard)

## We develop your potentials by managing relationships



3D Plus supplies rad tolerant products incl. memories, POL converters, interfaces, peripherals & protection ICs and ind. memories with extremely high packing density and reliability requirements for space systems/projects.

[www.3d-plus.com](http://www.3d-plus.com)



active components



FREEBIRD Semiconductor is specialized in rad hard eGaN® power switching HEMTs for high reliability or commercial satellite space environments, as discrete herm. SMD parts and GAM modules with integrated GaN driver.

[www.freebirdsemi.com](http://www.freebirdsemi.com)



Sensitron produces reliable discrete diodes (rectifiers, schottky, TVS, Zener, etc.), Rad Hard Mosfet & Diode arrays and integrated power electronics (hybrids) for space markets.

[www.sensitron.com](http://www.sensitron.com)



Space Micro is specialized in rad hard computing, RF- & microelectronics products, such as computer platforms with reconfigurable FPGAs, modular avionics suites & dosimeter, attitude control systems, encryptors, etc.

[www.spacemicro.com](http://www.spacemicro.com)



Api Delevan is a manufacturer of SMD & thru-hole inductors, chokes & transformers for space applications with requirements for quality and reliability.

[www.delevan.com](http://www.delevan.com)



passive components



Exxelia Technologies is a manufacturer of reliable high-tech products such as ceramic, foil and mica capacitors, signal and power filters, potentiometers and slip rings for space/aerospace.

[www.exxelia.com](http://www.exxelia.com)



Exxelia Tantalum manufactures tantalum capacitors in Polymer & MnO<sub>2</sub> solid & wet technology and supplies these professional products in several sectors such as space/aerospace.

[www.exxelia.com](http://www.exxelia.com)



Exxelia Magnetics has more than 25 years of experience and keeps being a leading company in the wound magnetics world. They serve space markets.

[www.exxelia.com](http://www.exxelia.com)



Omnetics manufactures Nano-D (Bi-Lobe) & Micro-D-Connectors & connector / cable solutions for space. Their Nano-D connectors have huge (WW) space flight heritage in addition to the MIL-DTL-32139 qualification.

[www.omnetics.com](http://www.omnetics.com)



interconnect components



Pave Technology is a manufacturer of hermetically sealed electrical & optical fiber connectors and cable seals for space/aerospace applications.

[www.pavetechnology.com](http://www.pavetechnology.com)

MSA Components is a manufacturers representative for major and leading edge electronic component manufacturers. Our strategic line card offers sales support and engineering design capability for the original equipment manufacturers, contract manufacturing companies and the engineering services community. Our strategy is to build long term relationships.