

New Product Announcement

Maxim Security Devices for Medical Disposables Now at Mouser

July 1, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking a wide variety of [security devices](#) for medical disposables from [Maxim Integrated](#). Including DeepCover® secure authenticators and 1-Wire® memory devices, Maxim's portfolio of security devices offers a layer of protection for [medical](#) devices including single-use products, surgical tools, medication cartridges, and pulse-oximetry probes. The devices are also suitable for [Internet of Things](#) (IoT) node authentication and secure management of limited-use consumables.

To ensure patient safety, health care workers must process, sterilize, and operate many consumable and disposable medical products under carefully controlled conditions. By designing authentication and security features into medical devices, manufacturers and health care centers can help ensuring that these limited-use medical products cannot be reused or used too many times, and that counterfeits can be effectively and efficiently detected and removed from the supply chain.

[Maxim's security devices](#) for medical disposables, available from Mouser Electronics, protect medical devices against security breaches, counterfeiting, and unauthorized overuse. Offering both contact and contactless authentication solutions, Maxim's security devices rely on challenge-response protocols to establish the identity of a device. The secure authenticators offer easy integration into embedded designs, helping to meet the requirements for Unique Device Identification (UDI) as established by the U.S. Food and Drug Administration.

Maxim's [DS28C36](#) and [DS28E36](#) DeepCover secure authenticators feature cryptographic tools derived from integrated symmetric and asymmetric security functions. The [DS28E38](#) DeepCover secure authenticator is an ECDSA public key-based device, and boasts Maxim's ChipDNA physically unclonable function (PUF) technology to prevent invasive physical attacks. The [DS28E83](#) DeepCover 1-Wire authenticator offers high radiation resistance, enabling user programmable manufacturing or calibration data prior to medical sterilization.

To learn more, visit www.mouser.com/maxim-security-for-medical-disposables.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 25 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Maxim Integrated

Maxim is the leader in analog integration. From mobile to industrial solutions, Maxim is making analog smaller, smarter and more energy efficient.

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