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For over 70 years, Ronk Electrical Industries has been designing and manufacturing American Made products from the home office in Nokomis, IL. We specialize in phase converters and transfer switches, while offering a variety of associated products, such as stray voltage isolators and docking stations. Our team of application experts are ready and able to assist your sizing and troubleshooting needs.

Our Series 4 and Series 4+ Manual Transfer switch selection addresses a variety of needs. These units have undergone rigorous testing and are designed to facilitate the safe and efficient transfer of loads from utility power to your auxiliary source. Ronk MTS units are inherently safe, reliable, and durable. Ronk switches can help you address your emergency and optional backup power requirements. The Series 4 is a UL98 non fused switch, available from 100 to 1200-amp current ratings with a 600 Vac rating. The Series 4+ is a UL1008 rated switch available in configurations up to 700 amps in a variety of voltage options. Many configurations are suitable for use as service equipment as well.

The Ronk MTS line features Nema 4/12 enclosures as standard, with an option for 4X stainless steel for added corrosion resistance. The padlocking options for all 3 handle positions (On, Off, and AUX) add safety and security. Factory installed Aux contacts facilitate on/off signaling as well as the ability to electrically interlock the system. Lugs are also provided to facilitate your connection to switch poles as well.

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NovaTech Automation Acquires TestSwitch LLC's Product Line, including their flagship W3TS Test Switch, Expanding Its Critical Infrastructure Solutions Portfolio

NovaTech Automation, a global leader in automation and control solutions, is excited to announce the successful acquisition of the TestSwitch LLC line of products. TestSwitch is a renowned provider of electromechanical switches used in critical infrastructure testing. This strategic acquisition further solidifies NovaTech Automation's position in the industry while enhancing its product portfolio, including TestSwitch's flagship product, the W3TS Test Switch.

TestSwitch entered the utility industry in 1983 with the Sliding Link Switch and has been focusing on its W3TS Test Switch since early 2001. This highly regarded product offers exceptional quality and reliability in test switches.

With the addition of TestSwitch's products, NovaTech Automation reinforces its commitment to delivering innovative and comprehensive solutions for critical infrastructure, bolstering its existing product lines, which include the Orion Substation Automation Platform, Kronos Satellite Clock, and Bitronics Power Measurement solutions.

"This acquisition represents a significant step forward for NovaTech Automation as we expand our offerings in the critical infrastructure sector," said Conrad Oakey, CEO of NovaTech Automation. "TestSwitch LLC has built an exceptional reputation for their innovative and reliable switches, and we

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are excited to welcome their products and expertise into our organization. We are committed to delivering the same level of excellence our customers have come to expect.”

The W3TS Test Switch and other TestSwitch products will be seamlessly integrated into NovaTech Automation’s portfolio, providing customers with enhanced

solutions that ensure the safety, reliability, and performance of their critical systems. NovaTech Automation’s global presence and robust customer support will further benefit former TestSwitch LLC clients.

NovaTech Automation is dedicated to ensuring a smooth transition for TestSwitch LLC customers and partners, offering assistance and support as they become part of the NovaTech Automation ecosystem.

For more information about NovaTech Automation and the Orion family of substation automation solutions or TestSwitch LLC, visit www.novatechautomation.com or www.testswitch.com or call (913) 451-1880. Additional information can be found: TestSwitch Datasheet and TestSwitch Catalogue.

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Sherman+Reilly® announces the appointment of David Ring as its new CEO and President



Effective Immediately, Mr. David Ring will assume the roles of CEO and President for Sherman+Reilly, previously held by Michael H. Dunn, who will continue as the company's Chairman and to whom Mr. Ring will report.

Following the re-acquisition of Sherman+Reilly in 2019 by Mr. Dunn and his business partner Douglas Diamond, the company has gone through a period of accelerated revenue and profit growth, operational refinement, and product line expansion. "We have an outstanding management team" stated Dunn. "The addition of Dave Ring as the new CEO of Sherman & Reilly will ensure that the Company continues to be a leader in the electric utility industry in the years ahead."

Mr. Ring joins Sherman+Reilly from Ligchine International Corporation where he served as CEO for the past 5 years. Prior assignments included leadership and board roles for a number of industrial enterprises.

Mr. Ring earned his MBA in International Business from Lehigh University.

With decades of experience building the safest and most reliable utility equipment on the market, Sherman+Reilly continues to steer the future of the market with innovative products. For more information on Sherman+Reilly, visit Sherman-Reilly.com.

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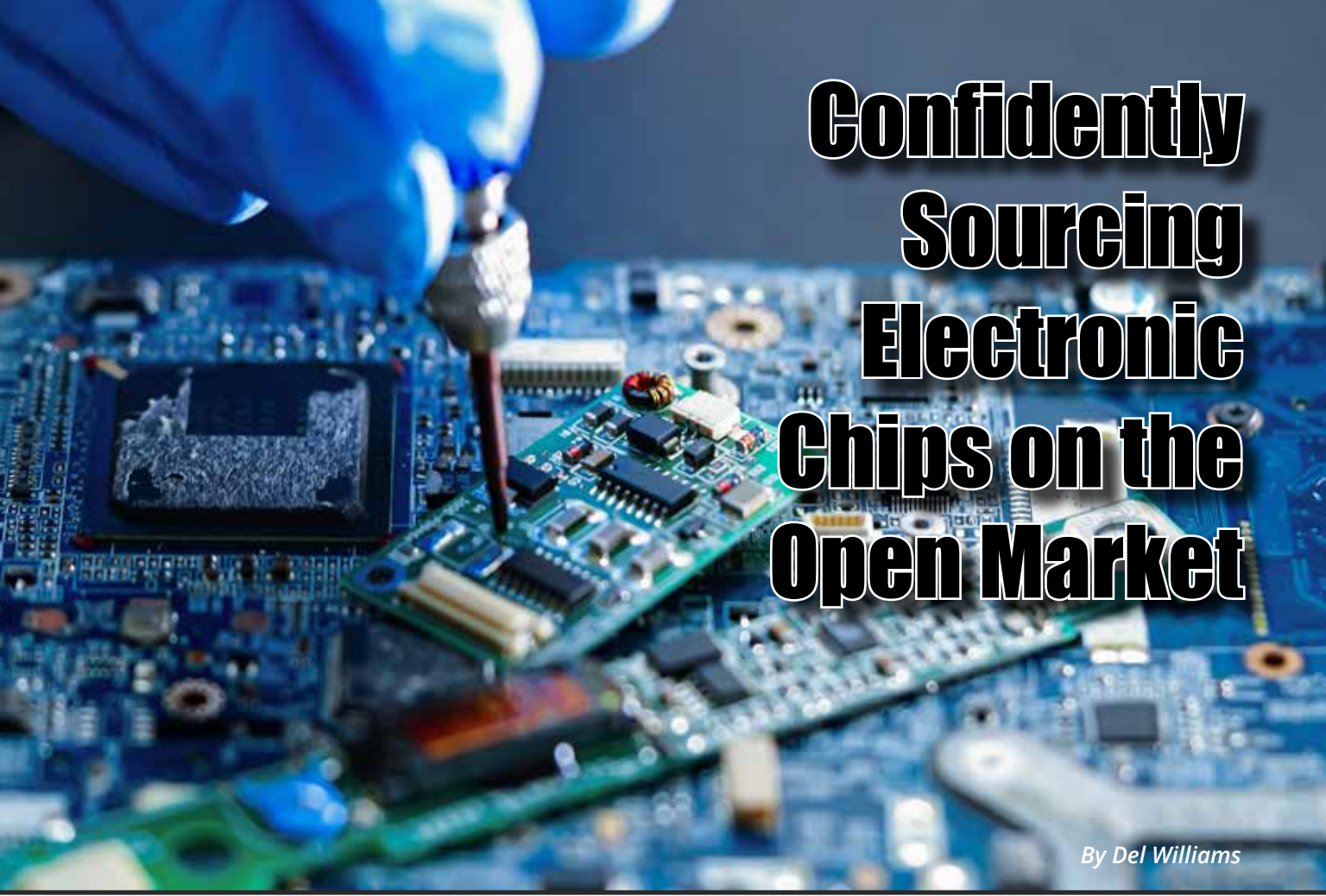
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Confidently Sourcing Electronic Chips on the Open Market

By Del Williams

With the help of experienced independent distributors, manufacturers can confidently purchase quality parts with risk mitigation measures in place.

Electronic chips are at the heart of virtually all sophisticated equipment today from automobiles and medical equipment to consumer electronics like smartphones. So, when manufacturers must purchase electronic parts that are no longer available from authorized distributors, are obsolete, out-of-production, or only available from overseas sources, they often face a moment of reckoning as to how much risk to assume.

The challenge is that most manufacturers rely almost exclusively on chips sourced from authorized distributors and so are unprepared – even out of their depth – when these components must be purchased on the open market.

Purchasing agents often search the internet for electronic component suppliers, many of whom are located overseas. However, it is important to navigate this market cautiously, as it can be filled with risks. Inexperienced purchasers may unknowingly engage with unfamiliar or disreputable sources.

For many companies this introduces a level of risk that, at a minimum, makes them uncomfortable. For others, it is simply unacceptable.

“Sourcing electronic chips online without knowing who you are buying from is as naive as trying to buy a genuine

*"As a safety professional, you always want your workers to have access to leading edge safety tools that improve safety and focus. Working with **COOLSHIRT SYSTEMS** over the past two years allowed me to help design a tool by lineman for lineman."*

*The **A.R.C. Hybrid Cooling System** by **COOLSHIRT SYSTEMS** allows lineman to remain more focused and less fatigued by reducing their core body temperature in extreme environments, therefore reducing the possibility of unintended accidents."*

-James "Jim" Bonner
Compliance Coordinator- Retired
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Rolex watch in a back alley,” says Mike Thomas, president and global general manager at Classic Components, a premier independent distributor based in Torrance, CA. “I have heard of suppliers disappearing after the manufacturer wires over the money [without delivering the parts], and some purchase bad parts they ultimately cannot use.”

Manufacturers who prioritize risk management can greatly benefit from collaborating with an independent distributor. By doing so, they can safeguard their production and reputation through the acquisition of dependable supplies of high-quality chips.

In contrast to authorized dealers, experienced independent distributors can utilize their extensive expertise and long-standing strategic relationships to explore alternative sources. These sources may include regional authorized/franchised distributors, direct connections with manufacturers, or access to surplus/excess inventories from other customers.

“Experienced independent distributors play a crucial role in safeguarding manufacturers from the inherent risks associated with buying electronic chips on the open market. By acting as a buffer, these distributors help reduce the burden and potential liabilities that manufacturers may face when making these critical purchases,” says Thomas.

The initial step involves conducting a comprehensive survey with the manufacturer to gain a thorough comprehension of their unique specifications, which include chip age and the ability to trace it back to the factory. Subsequently, all potential suppliers undergo

meticulous assessment, taking into careful consideration the reputation of their parts within the industry.

Should any red flags or other concerns emerge throughout this process, the independent distributor reserves the right to elevate the level of scrutiny to even greater heights, including implementing sophisticated product inspection procedures.

“A professional [independent distributor] has the resources and experience to assess the risk and evaluate the sources. Depending on the level of risk, they can take different mitigating actions, particularly when hard-to-get, older, or obsolete parts are required,” says Thomas.

Manufacturers can then proceed with confidence, knowing that the parts are of high quality. The risk mitigation and quality assurance steps are meticulously documented, including detailed photographs and measurements. As a result of this comprehensive process, independent distributors frequently offer long-term warranties on these parts.

Protection from Open Market Risks

According to Thomas, the mantra in his industry to eliminate risk is “know your source.”

Over decades, independent distributors have developed a very sophisticated method of identifying and eliminating risk. To achieve this goal, industry-leading independent distributors such as Classic Components make substantial investments in managing global supply networks, evaluating and prioritizing suppliers, establishing preferred supplier relationships, implementing efficient Quality Management Systems (QMS), and procuring state-of-the-art inspection equipment.

The process begins with vendor qualification and management to ensure the independent distributor is collaborating solely with a reliable and approved supplier. A tiered Supplier Selection and Approval System is used to assess vendors against rigorous standards. Each supplier is categorized, thoroughly documented,

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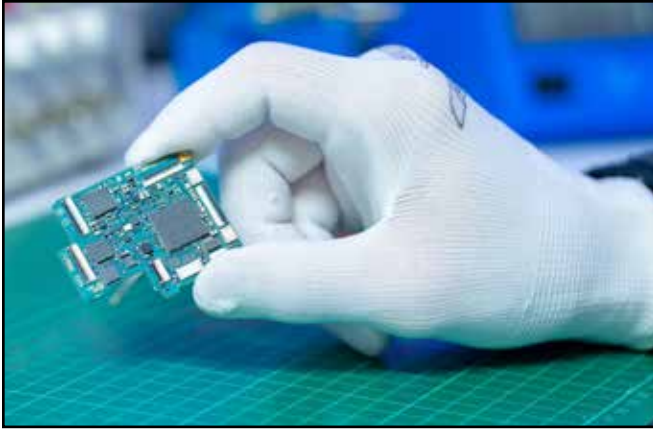
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regularly reviewed, and subject to tier-reclassification based on events and patterns observed by Classic Components or reported by third-party sources.

These sources include instances of supplier non-conformance to product reliability and integrity, changes in quality status relative to industry standards, industry reports regarding overall vendor quality, alterations in financial conditions such as outstanding payments or accounting issues, shipping of substandard products, or repeated occurrences of product quality issues. In response to any of these factors, indefinite suspension may be imposed.

"Internally, our vendors are evaluated and assigned a grade and ranking using an alphanumeric system, which depends on their distributor type. This encompasses original chip manufacturers (OCMs), authorized distributors, along with other traders and alternative sources," says Thomas.

According to Thomas, when a manufacturer requests a part, an agent asks a series of questions and completes a flow-down risk profile form developed by the company. These questions determine the intended application of the chip, manufacturing date restrictions (day code), and material traceability requirements, which include proof of direct sourcing from the factory.

The systematic evaluation conducted by Classic Components to identify any concerns linked to specific parts, commodities, brands, or vendors. The company's supply chain and purchasing teams are some of the

most experienced professionals in the industry and regularly undergo training to effectively utilize their system to detect potentially risky parts, identifying any discrepancies or other related issues. The company also adheres to established international quality standards such as IPC, ISO, JEDEC, AS, and others when selecting and managing their suppliers.

"If there are any known issues associated with the part, a warning will be displayed," says Thomas.

At this point, the independent distributor's buyers will begin sourcing from vendors ranked by reputation and will negotiate the terms.

Classic Components also takes advantage of its regional relationships across the globe, whether through local distributors, manufacturing partners with excess inventory, or authorized distributors.

Compliance verification, which includes visual inspection, testing, and physical analysis of parts, serves as an additional layer of protection. Only parts that have undergone rigorous QA control, in accordance with internal controls and established international quality standards are shipped.

As part of routine quality checkpoints, technicians conduct inspections of external packaging. During these inspections, they carefully examine the packaging for various elements, such as original and sealed packaging, correct labeling, proper QC markings, accurate lot codes, consistent colors and fonts, and potential bar code discrepancies.

During the inspection process, technicians carefully examine the internal packaging for various authenticating elements. These include but are not limited to the appropriate logo, labels, bar code, as well as desiccant, dry pack, moisture barrier bags, and vacuum sealed antistatic bags.

The chip is scrutinized as well. This includes inspection for physical arrangement in packaging, surface-mount

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"To ensure the legitimacy and high quality of chips, the authentication process is considerably more comprehensive for items with higher risk profiles," says Thomas.

"When it comes to products like medical devices, for example, there are numerous necessary steps involved that can be both costly and time-consuming," adds Thomas. "However, these steps are crucial in ensuring the safety and effectiveness of the final product. So, we perform in-house inspection and testing, and we may call on a third-party partner to conduct additional testing."

Upon completion of the process, Classic Components offers a comprehensive five-year warranty and flexible net terms for payment, which are not due until the manu-

facturer receives and assembles the parts. Furthermore, the distributor provides substantial insurance coverage for the chips, including \$10 million for general liability to cover costs related to physical injury or property damage, \$5 million for technology errors and omissions to address expenses arising from sub-standard material issues, and \$5 million for employee crime and dishonesty to cover costs due to part failures resulting from employee misrepresentation, forgery, fraud, or counterfeits.

When manufacturers have an urgent need for quality chips but cannot easily acquire them or risk substandard electronic components, working with an experienced independent distributor that will fully mitigate the risk is a safe, cost-effective option.

For more information, contact Classic Components Corp. 23605 Telo Avenue, Torrance, CA 90505; www.class-ic.com; 310.539.5500; info@class-ic.com.

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Total System Amperage	Poles	240 Volt	480 Volt	600 Volt
100 Amp	2	5102SE*	5103SE* (3P)	5103SE* (3P)
	3	5103SE*	5103SE*	5103SE*
	4	5104	5104	5104
200 Amp	2	5202SE*	5303SE* (3P)	5303SE* (3P)
	3	5203SE*	5303SE*	5303SE*
	4	5204	5304	5304
260 Amp	2	5302SE*	5303SE* (3P)	
	3	5303SE*	5303SE*	
	4	5304	5304	
400 Amp	2	5402SE*	5403SE* (3P)	
	3	5403SE*	5403SE*	
	4	5404	5404	
600 Amp	3	5803SE*	5803SE*	
	4	5804	5804	
700 Amp	3	5803SE*		
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