But, We Need It Now! – The Importance of ‘On Demand’ PCB, LED and Light Pipe Supply

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Code, specification or circuitry changes, inventory errors, forecasting changes and missing or damaged parts are all challenges faced in the development and production of both new and established printed circuit board based equipment. In accordance with Murphy’s Law, inventory deficiencies inevitably occur when a supply chain schedule is already behind or when a client needs their part in an expeditious manner. The department foreman and supply chain management personnel are often in a panic, and burdened with the undesirable job of informing upper management or clientele that his department is unable to meet or advance production schedules without acquiring specific components such as an LED, standoff, connector or lite pipe device.

Supply and demand is a basic economic principle that has taken on a new meaning in today’s production environment. The days when the electrical stockroom was packed with all the possible elements needed to produce a variety of circuits or circuit boards is gone. Such an inventory would quickly become outdated and obsolete as the advancement of technology present today demands a malleable inventory, ready to change without months, weeks or at times, even days of notice. New developments, ideas and product improvements mean that inventory must be fluid, ever ready to change and adapt to new requirements. While this idea sounds great in writing, realistically, it’s a hard goal to meet.

One way many production facilities are overcoming this challenge is to develop relationships with suppliers that permit on-demand supply of the most critical components, which in today’s circuitry world includes PCB components, LEDs, Litepipes and other elements. On-demand PCB component supplies allow you to reduce stock levels while still decreasing process times as you can procure system components at the right time and in the right quantity to complete even advanced production schedules.

Every production facility pursues ways to fine-tune Supply Chain Management, determined to meet unexpected changes without production downtime and to seamlessly overcome data and forecasting deficiencies. The advantage of on-demand supply is that it offers you a virtual inventory that can be on its way to your facility simply by placing a call, writing an e-mail or clicking an online order button. It provides production and lifecycle equilibrium, permitting your facility to better manage the flow of strategic inventory reserves. Components that can be received ‘on-demand’ allow you to reduce inventory of that item without the challenges associated with lower inventory counts. Inventory space can then be used for components that aren’t available on-demand, to enhance the production floor or to store completed products.

VCC Optoelectronics offers on-demand supply of various PCB components, LEDs and Litepipes to help your production facility become and remain highly flexible, quickly able to adapt to the ever-changing product development environment. Call or e-mail us today and begin a relationship with our professional staff who can help you set-up receipt of our large number of ‘always in stock’ elements.

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