

FOR IMMEDIATE RELEASE

Quik-Pak Announces Substrate Development Service

Provides Customers with Unprecedented Time Savings and Engineering Flexibility

SAN DIEGO, Calif. – February 11, 2020 – <u>Quik-Pak</u>, a provider of innovative microelectronic packaging and assembly solutions, today announced its substrate design, fabrication and assembly service. Utilizing virtually any substrate type, Quik-Pak can create turnkey solutions for substrate-based assemblies to accommodate customers' unique packaging requirements, with delivery times at least 50 percent faster than those of competitive services.

Quik-Pak's substrate service targets both ICs and MEMS, and its ability to accommodate all types of substrates provides engineering flexibility that allows greater design freedom for a wide range of advanced packages. Quik-Pak has offered this capability, in a limited fashion, for several years. Its success has spurred the company to step up activity – particularly in the face of broadening demand for custom packaging solutions that can fill the gaps not met by standard, off-the-shelf packages.

One key driver for this demand is the increased need for custom RF packages in the face of 5G's imminent rollout. Technologies in which Quik-Pak specializes, such as laminate quad flat no-lead (QFN) and organic QFN for flip-chips, are well suited to integration and customization. The service can also accommodate 3D packaging, ball grid arrays (BGAs), systems-in-package (SiPs) and multichip modules (MCMs).

According to Quik-Pak Chief Operating Officer Ken Molitor, "We can tune our process to optimize the customer's desired parameter – size, performance, application – creating a solution in about five weeks, from initial consultation to finished assembly. Other services can take five weeks to complete the design alone and up to 16 weeks to deliver the assembled package. With this combination of quality and speed, Quik-Pak is poised to broaden the reach of our service to address new markets and applications, such as military, medical, sensors and other custom arenas."

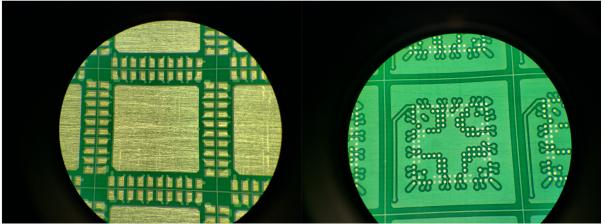
Quik-Pak will be showcasing its full range of capabilities, including its new substrate service offering, in the expo hall at the 16th annual IMAPS International Conference on Device Packaging. The company is also a sponsor of the event, to be held March 2-5, 2020, in Fountain Hills, Ariz.

About Quik-Pak

San Diego, Calif.-based Quik-Pak, a division of <u>Promex Industries</u>, provides IC packaging, assembly and wafer preparation services in its ISO 9001:2015-certified, ITAR-registered facility. The company's overmolded QFN/DFN packages and pre-molded air cavity QFN packages provide a fast, convenient solution for prototype to full production needs. Same-day assembly services are provided to reduce time to market. More information is available at http://www.quik-pak.com or by calling 858-674-4676.

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Quik-Pak can work with customers to develop a variety of high-demand substrate packages, e.g., flip-chip QFN, as shown in the bottom-layer (left) and top-layer (right) images above.