








# Advanced Packaging Associates, Inc.

Line Card - Exclusive Offerings

	<p>Specialists in precision laser machining and drilling of difficult applications <a href="http://www.accutechlaser.com">http://www.accutechlaser.com</a> <b>California (except San Diego County)</b></p>
	<p>Over 30 years of experience in multilayer ceramics "HTCC": Alumina, Aluminum Nitride <a href="http://www.adtechceramics.com">http://www.adtechceramics.com</a> <b>Arizona, California</b></p>
	<p>Hermetic glass to metal seals - miniature feed throughs, multi-pin microcircuit packages, relay bases, precision machined headers <a href="http://www.centuryseals.com">http://www.centuryseals.com</a> <b>Arizona, Northern California</b></p>
	<p><b>P</b>lated <b>C</b>opper on <b>T</b>hick <b>F</b>ilm Enabled Ceramic Packaging Solutions. <b>D</b>irect <b>B</b>ond <b>C</b>opper using Curamik® Master Cards <a href="http://www.remtec.com">http://www.remtec.com</a> <b>Arizona, California</b></p>
	<p>Leading U.S. manufacturer of precious and non-precious braze, solder and metal spheres <a href="http://www.scientificalloyscorp.com">http://www.scientificalloyscorp.com</a> <b>Arizona, California</b></p>

APA maintains relationships with suppliers of other high value solutions:  
**CONTRACT MICROELECTRONIC ASSEMBLY - ORGANIC SUBSTRATES**  
**CONTRACT DESIGN SERVICES – ELECTRICAL, MECHANICAL, THERMAL**

**NEW!** Aluminum-based alloy and composite materials – AlSiC, AlSi  
Quality, Cost effective materials or components  
U.S., European and Asian sources

**NEW!** Through Glass Via Technology from MULTIPLE SOURCES  
Very High Aspect Ratio (>20:1) - 20µm dia, 100µm pitch  
Multilayer circuitry and bumping options

(858) 454-2149 – Fax (858) 777-9687  
[APA@askapa.com](mailto:APA@askapa.com) - <http://www.askapa.com>