

# ADIX SUPRA

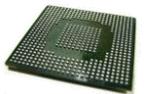
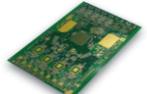
DMD



**Fully Automated**



## DIRECT IMAGING LITHOGRAPHY FOR THE MOST ADVANCED FINELINE APPLICATIONS

<p><b>IC Substrate</b></p> 	<p><b>Advanced Packaging</b></p> 	<p><b>PCB   Flex</b></p> 	<p><b>Thin Film</b></p> 	<p><b>Micro-Structuring</b></p> 
<p>FCBGA FCCSP</p>	<p>FOPLP FOWLP</p>	<p>HDI   Ultra HDI Advanced Flex</p>	<p>Resistor Passive Component</p>	<p>Semiconductor MEMS</p>



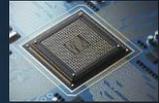
- High UV Power with advanced resolution DMD
- High Accuracy Registration
- Print on All Types of Photoresists
- Intuitive & Friendly HMI

## FOR ADVANCED FINELINE APPLICATIONS

# ADIX SUPRA

### Applications

**IC Substrates, Advanced Packaging, HDI, Advanced Flex, Thin Film**  
*Supports Flip-Chip BGA, Flip-Chip CSP & Modules manufacturing applications*  
*Support FOPLP (Fan Out Panel Level packaging) | RDL (Redistribution layer)*



### Material

**Panel Substrate & Glass Carrier: Up to 600x600mm | 23.6"x23.6"**  
**Wafer: Up to 300mm**  
**Thickness: Up to 4mm | 0.157"**



### Resolution Alignment

**Line: 8µm | 0.3mil – Pitch: 20µm | 0.8 mil – SRO/Dam: 30µm | 1.2 mils**  
**±6µm | ±0.25mil (Image to Panel Registration)**



### Throughput

**6 Heads Laser: 70 sides/hour with 30mJ/cm2 resist for 600x600mm (23.6"x 23.6")**  
**Data preprocessing in hidden time + High UV Power with 4 LEDs per Photo Head**



### Smart Features

**SKATE:** Offline machine set-up a job preparation – Reduce operator mistakes  
**Smart Automation:** Multiple jobs management | Direct & easy machine access for SA mode  
**Industry 4.0:** Auto-Job preparation, system connectivity & remote access

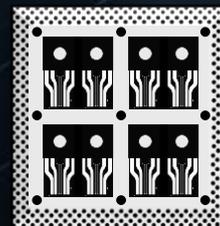


### Unique Features



### Die Positioning Compensation

DPC is a software designed to automatically adjust positioning and reroute tracks as needed for optimal die connection.



### Partitioning Mode

Sub-area registration and printing: up to 16 areas. Scale & Align each sub-image.

Designed by Altix- Acix SA Supra - EN - Y25 / W44 - All data mentioned on this document are not contractual and may be changed at anytime



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