

# Design Services Partner Profile



## Alinx Electronic Technology (Shanghai) Co.,Ltd. Company Over

Date : 03/01/2022

www.alinx.com

### Partner Details

Partner Tier: Member  
Headquarters Location: Room 202, Building 18, No. 518 Xinzhuan Road, Songjiang District, Shanghai, China  
Xilinx Alliance Partner Since: 3/27/2018

### Key Contact Info

Ma Rui  
avic@alinx.com

### Regions Served

APAC, Africa, Central and South America, Eastern Europe and Russia, Japan, Middle East, North America Central, North America West, Western Europe

### Supported Product Types

Yes	Design Services	No	Embedded Products
No	IP	No	EDA Tools
Yes	Boards		

### Engineering Service Types

Yes	General Purpose Services	
Yes	Services in Support of Products Sold	Preferred
Yes	Services Leading to Contract Manufacturing	
Maximum Service Scope:		Turnkey / full product design

### Engagement Models Supported

No	SOW-Based Fixed Bid Projects
No	Time and Materials
	Captive Resources at Partner or Customer Premises

### Xilinx Design Tool Experience

Yes	Vivado	Yes	SDSoC
Yes	HLx	No	SDAccel

### Industry Certifications Achieved

### Industry Certification Services Offered

### Government Clearances

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## Alinx Electronic Technology (Shanghai) Co.,Ltd. Segment and Application Focus

No Focus	<u>Defense/Aerospace</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Homeland Security</li> <li>Electronic Warfare</li> <li>ISR</li> <li>Space</li> <li>Missiles &amp; Munitions</li> <li>Military Avionics</li> <li>Commercial Avionics</li> <li>SatComm</li> <li>Wireless Milcom</li> <li>Other A&amp;D</li> </ul>
Primary Focus	<u>Audio, Video, Broadcast</u>	<ul style="list-style-type: none"> <li>Primary Focus</li> <li>Primary Focus</li> <li>No Focus</li> <li>No Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Encoders &amp; Decoders</li> <li>Monitors &amp; Projection</li> <li>Networking &amp; Converters</li> <li>Audio Systems</li> <li>Video Processing Cards</li> <li>Video Conferencing</li> <li>Routers and Switches</li> <li>Pro Cameras &amp; Camcorders</li> <li>Other Broadcast</li> </ul>
Primary Focus	<u>Automotive &amp; Transport</u>	<ul style="list-style-type: none"> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> </ul>	<ul style="list-style-type: none"> <li>Driver Assist - Camera</li> <li>Driver Assist Radar/LIDAR</li> <li>Driver Info/Infotainment</li> <li>Automated Driving</li> <li>Other Automotive</li> </ul>
No Focus	<u>Consumer</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Digital Display</li> <li>Drones</li> <li>Multifunction Printers</li> <li>Other Consumer</li> </ul>
Primary Focus	<u>Datacenter</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Storage</li> <li>Compute</li> <li>Networking</li> </ul>
Primary Focus	<u>Industrial, Medical</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Motor Control</li> <li>Industrial Networking</li> <li>Surveillance</li> <li>Machine Vision</li> <li>Medical Imaging</li> <li>Medical / Clinical</li> <li>Other ISM</li> </ul>

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## Alinx Electronic Technology (Shanghai) Co.,Ltd. Segment and Application Focus (continued)

Primary Focus	<u>Test &amp; Measurement</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Simulation / Emulation</li> <li>T &amp; M Instrumentation</li> <li>Semiconductor Test</li> <li>Wired Communication Test</li> <li>Wireless Communications Test</li> <li>Other Test &amp; Measurement</li> </ul>
No Focus	<u>Wired Comms &amp; Networks</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Access Equipment</li> <li>Long Haul/Transport</li> <li>Wired Mobile Backhaul</li> <li>OTN</li> <li>Enterprise Equipment</li> <li>Ethernet Interlaken Connectivity</li> <li>Packet Processing</li> <li>Other Wired Communications</li> </ul>
No Focus	<u>Wireless Comms &amp; Networks</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> </ul>	<ul style="list-style-type: none"> <li>Baseband</li> <li>Wireless Backhaul</li> <li>Connectivity &amp; Switching</li> <li>Radio</li> <li>Other Wireless</li> </ul>

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## Design Competencies

<b>System Architecture</b>	Primary Focus
<b>RF and Analog Design</b>	
<b>FPGA Design and Integration</b>	Primary Focus
<b>FPGA Timing Closure</b>	
<b>FPGA Design Optimization</b>	Primary Focus
<b>Signal Integrity Design and Analysis</b>	Inhouse or Subcontracted: Typical Serial Speed:
<b>PCB Design &amp; Layout</b>	Primary Focus Inhouse or Subcontracted: Inhouse
<b>Industrial and Mechanical Design</b>	Inhouse or Subcontracted:
<b>Industry Certification and Compliance Testing</b>	Inhouse or Subcontracted:
<b>Quality and Reliability Testing</b>	Inhouse or Subcontracted:
<b>Contract Manufacturing</b>	Inhouse or Subcontracted: Max Quantities Supported:
<b>Digital Signal Processing</b>	Primary Focus
<b>Experience:</b>	
<b>Embedded Processors</b>	Primary Focus
<b>Experience:</b>	
<b>Embedded Porting / BSP Extension</b>	Primary Focus OS and RTOS Design Experience:
<b>Embedded Application</b>	Primary Focus

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## Development

### Image Sensor Fusion

Homo or Heterogeneous:

Sensor Types Design Experience:

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### Computer Vision

Primary Focus

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### Machine Learning

Primary Focus

Framework Experience:

Network Model Experience:

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