

Design Services Partner Profile



Alinx Electronic Limited Company Overview

Date : 02/17/2024

www.alinx.com

Partner Details

Partner Tier: Premier
Headquarters Location: 3rd Floor, Building 1, No. 1 Caosong Road, Songjiang District, Shanghai, China
Xilinx Alliance Partner Since: 3/27/2018

Key Contact Info

Ma Rui
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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	Yes	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

Design Services Partner Profile



Alinx Electronic Limited Segment and Application Focus

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

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Alinx Electronic Limited Segment and Application Focus (continued)

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

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Design Competencies

System Architecture Primary Focus

RF and Analog Design

FPGA Design and Integration Primary Focus

FPGA Timing Closure Primary Focus

FPGA Design Optimization Primary Focus

**Signal Integrity Design
and Analysis**

Inhouse or Subcontracted:

Typical Serial Speed:

PCB Design & Layout Primary Focus

Inhouse or Subcontracted: Inhouse

Industrial and Mechanical Design

Inhouse or Subcontracted:

**Industry Certification and
Compliance Testing**

Inhouse or Subcontracted:

Quality and Reliability

Testing

Inhouse or Subcontracted:

Contract Manufacturing

Inhouse or Subcontracted:

Max Quantities Supported:

Digital Signal Processing Primary Focus

Experience:

Embedded Processors Primary Focus

Experience:

Embedded Porting / Primary Focus

BSP Extension

OS and RTOS Design Experience:

Embedded Application Primary Focus

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Development

Image Sensor Fusion

Homo or Heterogeneous:

Sensor Types Design Experience:

Computer Vision

Primary Focus

Machine Learning

Primary Focus

Framework Experience:

Network Model Experience:
